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Cerebrum2Ephorte - Testing Universitetet i Oslo

Cerebrum2Ephorte

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1 Innledning

1.1 Beskrivelse

Innholdet i dette dokumentet omfatter de siste testene som er gjort av Cerebrum2Ephorte-WebService. Testing har blitt gjort ved å sende Webservicekall til tjenesten via SoapUI. Innholdet i dette dokumentet omfatter status, requester som har blitt sendt og responser som kommer tilbake. Det vil samtidig stå hvilken dato ting ble sist testet.

1.2 Liste over kall som skal testes

```
DTO.TestUser Test(string customer, string userId);

DTO.TestUser TestWithEphorte(string customerId, string database, string userId);

DTO.EphorteOrgUnits GetAllOrgUnits(string customerId, string database);

DTO.EphorteRoles GetAllRoles(string customerId, string database);

DTO.EphorteAccessCodes GetAllAccessCodes(string customerId, string database);

DTO.EphorteUsers GetAllUsers(string customerId, string database);

DTO.EphorteUsers GetUserList(string customerId, string database, string userSearch);

DTO.EphorteUserDetails GetUserDetails(string customerId, string database, string
userId);

DTO.Response EnsureUser(string customerId, string database, DTO.EphorteUser user);

DTO.Response DisableUser(string customerId, string database, string userId);

DTO.Response EnsureRoleForUser(string customerId, string database, string userId,
string jobTitle, string roleId, string orgId, string fondsSeriesId, string
registryManagementUnitId, bool? setAsDefaultRole);

DTO.Response EnsureAccessCodeAuthorizationForUser(string customerId, string database,
string userId, string accessCodeId, string orgId, bool isAuthorizedForAllUnits);

DTO.EphorteUserBacklog GetUserBacklog(string customerId, string database, string
userId);

DTO.Response DisableRolesAndAuthorizationsForUser(string customerId, string database,
string userId);
```

1.3 Status

1.3.1 Ferdig

Alt fungerer som tiltenkt

1.3.2 Ukjent

Responsen fra kallet kan være korrekt, men det må kontrolleres at svaret faktisk er riktig.

1.3.3 Delvis Ferdig

Deler av kallet fungerer som tiltenkt, men noe fungerer ikke slik det skal.

1.3.4 Feil

Kallet fungerer ikke som det skal.

1.3.5 Utestet

Kallet er ikke testet ennå.

2 Testing

2.1 Test

2.1.1 Metode

```
DTO.TestUser Test(string customer, string userId);
```

2.1.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.1.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
  xmlns:ser="http://Cerebrum2Ephorte/Service">  
  <soapenv:Header/>  
  <soapenv:Body>
```

```

    <ser:Test>
      <!--Optional:-->
      <ser:customer>Ui02</ser:customer>
      <!--Optional:-->
      <ser:userId>Dummy</ser:userId>
    </ser:Test>
  </soapenv:Body>
</soapenv:Envelope>

```

2.1.4 Response

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <TestResponse xmlns="http://Cerebrum2Ephorte/Service">
      <TestResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <FullName>Mr Dum Dummy</FullName>
        <UserId>Dummy</UserId>
      </TestResult>
    </TestResponse>
  </s:Body>
</s:Envelope>

```

2.2 TestWithEphorte

2.2.1 Metode

```

DTO.TestUser TestWithEphorte(string customerId, string database,
string userId);

```

2.2.2 Status : Ferdig

Ferdig: Respsen i testen er som tiltenkt.

2.2.3 Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:TestWithEphorte>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userId>*****@UIO.NO</ser:userId>
    </ser:TestWithEphorte>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</soapenv:Body>
</soapenv:Envelope>

```

2.2.4 Response

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <TestWithEphorteResponse xmlns="http://Cerebrum2Ephorte/Service">
      <TestWithEphorteResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <FullName>*****</FullName>
        <UserId>*****@UIO.NO</UserId>
      </TestWithEphorteResult>
    </TestWithEphorteResponse>
  </s:Body>
</s:Envelope>

```

2.3 GetAllOrgUnits

2.3.1 Metode

```

DT0.EphorteOrgUnits GetAllOrgUnits(string customerId, string
database);

```

2.3.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.3.3 Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetAllOrgUnits>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
    </ser:GetAllOrgUnits>
  </soapenv:Body>
</soapenv:Envelope>

```

2.3.4 Response

Dette er bare et utdrag av responsen:


```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetAllOrgUnitsResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetAllOrgUnitsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <OccurencesFound>208</OccurencesFound>
        <OrgUnits>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Ufordelt/sendt tilbake til arkiv</Name>
            <OrgId>[Ufordelt]</OrgId>
            <ParentOrgId>[Ufordelt]</ParentOrgId>
          </EphorteOrg>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Apollon</Name>
            <OrgId>APOLLON</OrgId>
            <ParentOrgId>SADM</ParentOrgId>
          </EphorteOrg>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Bioteknologisenteret i Oslo</Name>
            <OrgId>BIOTEK</OrgId>
            <ParentOrgId>UIO</ParentOrgId>
          </EphorteOrg>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Enhet for molekylærbiologi/teknologi/inf</Name>
            <OrgId>EMBIO</OrgId>
            <ParentOrgId>UIO</ParentOrgId>
          </EphorteOrg>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Forskningsadministrativ avdeling</Name>
            <OrgId>FA</OrgId>
            <ParentOrgId>SADM</ParentOrgId>
          </EphorteOrg>
          <EphorteOrg>
            <IsTop>false</IsTop>
            <Name>Forum for universitetshistorie</Name>
            <OrgId>FFU</OrgId>
            <ParentOrgId>UIO</ParentOrgId>
          </EphorteOrg>
          ...
        </OrgUnits>
      </GetAllOrgUnitsResult>
    </GetAllOrgUnitsResponse>
  </s:Body>
</s:Envelope>

```

2.4 GetAllRoles

2.4.1 Metode

DTO.EphorteRoles GetAllRoles(string customerId, string database);

2.4.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt. Dog bør de to første resultatene dobbeltsjekkes.

2.4.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetAllRoles>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
    </ser:GetAllRoles>
  </soapenv:Body>
</soapenv:Envelope>
```

2.4.4 Response

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetAllRolesResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetAllRolesResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <OccurencesFound>14</OccurencesFound>
        <Roles>
          <EphorteRole>
            <Description>Arkivleder</Description>
            <RoleId>&lt;script>alert('XSS')&lt;/script></RoleId>
          </EphorteRole>
          <EphorteRole>
            <Description/>
            <RoleId>AN</RoleId>
          </EphorteRole>
          <EphorteRole>
            <Description>Arkivleder</Description>
            <RoleId>AR1</RoleId>
          </EphorteRole>
          <EphorteRole>
            <Description>Arkivpersonell</Description>
            <RoleId>AR2</RoleId>
          </EphorteRole>
          <EphorteRole>
            <Description>Arkivleder</Description>
          </EphorteRole>
        </Roles>
      </GetAllRolesResult>
    </GetAllRolesResponse>
  </s:Body>
</s:Envelope>
```

```

    <RoleId>AR3</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description/>
    <RoleId>EKS</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Leder</Description>
    <RoleId>LD</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Leder</Description>
    <RoleId>LD LES</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Systemansvarlig</Description>
    <RoleId>Mal</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Saksbehandler</Description>
    <RoleId>SB</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Saksbehandler</Description>
    <RoleId>SB2</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Leder</Description>
    <RoleId>SUB</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Systemansvarlig</Description>
    <RoleId>SY</RoleId>
  </EphorteRole>
  <EphorteRole>
    <Description>Arkivleder, Utvalgssekretaer</Description>
    <RoleId>US</RoleId>
  </EphorteRole>
</Roles>
</GetAllRolesResult>
</GetAllRolesResponse>
</s:Body>
</s:Envelope>

```

2.5 GetAllAccessCodes

2.5.1 Metode

DTO.EphorteAccessCodes GetAllAccessCodes([string](#) customerId, [string](#) database);

2.5.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.5.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetAllAccessCodes>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
    </ser:GetAllAccessCodes>
  </soapenv:Body>
</soapenv:Envelope>
```

2.5.4 Response

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetAllAccessCodesResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetAllAccessCodesResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <OccurencesFound>20</OccurencesFound>
        <AccessCodes>
          <EphorteAccessCode>
            <AccessCodeId>AR</AccessCodeId>
            <Description>AR - Under arbeid</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>FO</AccessCodeId>
            <Description>Forskningssaker</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>OF</AccessCodeId>
            <Description>OF - Unntatt etter Offentleglova</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>P</AccessCodeId>
            <Description>∅: Personalsaker - Ugyldig for dok.dato etter
31.12.08</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>P2</AccessCodeId>
            <Description>∅: Personers økonomiske forhold - Ugyldig for dok.dato etter
31.12.08</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>P3</AccessCodeId>
            <Description>∅: Disiplinærsaker personal - Ugyldig for dok.dato etter
31.12.08</Description>
          </EphorteAccessCode>
          <EphorteAccessCode>
            <AccessCodeId>P4</AccessCodeId>
            <Description>∅: Rettssaker - Ugyldig for dok.dato etter
31.12.08</Description>
          </EphorteAccessCode>
```

```

    <EphorteAccessCode>
      <AccessCodeId>PA</AccessCodeId>
      <Description>PA - Personalsaker AKAN</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>PD</AccessCodeId>
      <Description>PD - Disiplinærsaker personal</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>PO</AccessCodeId>
      <Description>PO - Personers økonomiske forhold</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>PR</AccessCodeId>
      <Description>PR - Rettsaker</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>PV</AccessCodeId>
      <Description>PV - Personalsaker</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>S</AccessCodeId>
      <Description>Ø: Studentsaker generelt - Ugyldig for dok.dato etter
31.12.08</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>S2</AccessCodeId>
      <Description>Ø: Disiplinærsaker studenter - Ugyldig for dok.dato etter
31.12.08</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>SD</AccessCodeId>
      <Description>SD - Disiplinærsaker student</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>SV</AccessCodeId>
      <Description>SV - Studentsaker</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>UA</AccessCodeId>
      <Description>Ø: Under arbeid - Ugyldig for dok.dato etter
31.12.08</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>UN</AccessCodeId>
      <Description>Unntatt etter offentlighetsloven ved NIKK</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>UO</AccessCodeId>
      <Description>Ø: Unntatt etter offentlighetsl. - Ugyld. for dok.dato etter
31.12.08</Description>
    </EphorteAccessCode>
    <EphorteAccessCode>
      <AccessCodeId>US</AccessCodeId>
      <Description>Unntatt etter offentlighetsloven ved S0</Description>
    </EphorteAccessCode>
  </AccessCodes>
</GetAllAccessCodesResult>
</GetAllAccessCodesResponse>

```

```

</s:Body>
</s:Envelope>

```

2.6 GetAllUsers

2.6.1 Metode

```

DTO.EphorteUsers GetAllUsers(string customerId, string database);

```

2.6.2 Status : Ferdig

Ferdig: Kallet fungerer som tiltenkt. Bare husk at timeout-parameteret som blir brukt i klienten som kaller servicen må settes høyt, da det er mange brukere som hentes. I respons fra siste test ble det returnert 19091 brukere, og kallet brukte rundt 18 minutter å fullføre, og returnerte ~7,7MB med brukerdata.

2.6.3 Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetAllUsers>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
    </ser:GetAllUsers>
  </soapenv:Body>
</soapenv:Envelope>

```

2.6.4 Response

Mye brukerdata ble returnert, så responsen er kortet ned betraktelig:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetAllUsersResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetAllUsersResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage>
        </ErrorMessage>
        <HasError>>false</HasError>
        <OccurencesFound>19091</OccurencesFound>
        <Users>
          <EphorteUser>
            <City>*****</City>
            <EmailAddress>*****@uio.no</EmailAddress>
            <FirstName>*****</FirstName>
            <FullName>*****</FullName>
            <Initials>*****</Initials>

```

```

    <LastName>*****</LastName>
    <MiddleName i:nil="true"/>
    <Mobile i:nil="true"/>
    <StreetAddress>*****</StreetAddress>
    <Telephone>*****</Telephone>
    <UserId>*****@UIO.NO</UserId>
    <ZipCode>****</ZipCode>
  </EphorteUser>
  <EphorteUser>
    <City>*****</City>
    <EmailAddress>*****@uio.no</EmailAddress>
    <FirstName>*****</FirstName>
    <FullName>*****</FullName>
    <Initials>*****</Initials>
    <LastName>*****</LastName>
    <MiddleName i:nil="true"/>
    <Mobile i:nil="true"/>
    <StreetAddress>*****</StreetAddress>
    <Telephone>*****</Telephone>
    <UserId>*****@UIO.NO</UserId>
    <ZipCode>****</ZipCode>
  </EphorteUser>
  <EphorteUser>
    <City>*****</City>
    <EmailAddress>*****@uio.no</EmailAddress>
    <FirstName>*****</FirstName>
    <FullName>*****</FullName>
    <Initials>*****</Initials>
    <LastName>*****</LastName>
    <MiddleName i:nil="true"/>
    <Mobile i:nil="true"/>
    <StreetAddress>*****</StreetAddress>
    <Telephone>*****</Telephone>
    <UserId>*****@UIO.NO</UserId>
    <ZipCode>****</ZipCode>
  </EphorteUser>
  ...
</Users>
</GetAllUsersResult>
</GetAllUsersResponse>
</s:Body>
</s:Envelope>

```

2.7 GetUserList

2.7.1 Metode

```

DTO.EphorteUsers GetUserList(string customerId, string database,
string userSearch);

```

2.7.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt, bare vær klar over at om søket blir for generelt, vil man få en timeout på samme grunnlag av hvordan GetAllUsers() fungerer.

2.7.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetUserList>
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userSearch>ild</ser:userSearch>
    </ser:GetUserList>
  </soapenv:Body>
</soapenv:Envelope>
```

2.7.4 Response

Responsen vist omfatter ikke reelle data

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserListResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserListResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <OccurencesFound>185</OccurencesFound>
        <Users>
          <EphorteUser>
            <City>*****</City>
            <EmailAddress>*****@uio.no</EmailAddress>
            <FirstName>Arild</FirstName>
            <FullName>*****</FullName>
            <Initials>*****</Initials>
            <LastName>*****</LastName>
            <MiddelName i:nil="true"/>
            <Mobile i:nil="true"/>
            <StreetAddress>*****</StreetAddress>
            <Telephone>*****</Telephone>
            <UserId>arild***@UIO.NO</UserId>
            <ZipCode>****</ZipCode>
          </EphorteUser>
          <EphorteUser>
            <City>*****</City>
            <EmailAddress>*****@uio.no</EmailAddress>
            <FirstName>Hilde</FirstName>
            <FullName>*****</FullName>
            <Initials>*****</Initials>
            <LastName>*****</LastName>
            <MiddelName i:nil="true"/>
          </EphorteUser>
        </Users>
      </GetUserListResult>
    </GetUserListResponse>
  </s:Body>
</s:Envelope>
```



```

    <Mobile i:nil="true"/>
    <StreetAddress>*****</StreetAddress>
    <Telephone>*****</Telephone>
    <UserId>hilde***@UIO.NO</UserId>
    <ZipCode>****</ZipCode>
  </EphorteUser>

  ...
</Users>
</GetUserListResult>
</GetUserListResponse>
</s:Body>
</s:Envelope>

```

2.8 GetUserDetails

2.8.1 Metode

DT0.EphorteUserDetails GetUserDetails(string customerId, string database, string userId);

2.8.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.8.3 Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetUserDetails>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userId>*****@UIO.NO</ser:userId>
    </ser:GetUserDetails>
  </soapenv:Body>
</soapenv:Envelope>

```

2.8.4 Response

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserDetailsResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserDetailsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>>false</HasError>
        <User>

```

```

    <City i:nil="true"/>
    <EmailAddress>*****@uio.no</EmailAddress>
    <FirstName>*****</FirstName>
    <FullName>*****</FullName>
    <Initials>*****</Initials>
    <LastName>*****</LastName>
    <MiddelName i:nil="true"/>
    <Mobile i:nil="true"/>
    <StreetAddress i:nil="true"/>
    <Telephone i:nil="true"/>
    <UserId>*****@UIO.NO</UserId>
    <ZipCode i:nil="true"/>
  </User>
  <UserAuthorizations>
    <EphorteUserAuthorization>
      <AccessCodeId>AR</AccessCodeId>
      <IsAuthorizedForAllOrgUnits>>false</IsAuthorizedForAllOrgUnits>
      <OrgId i:nil="true"/>
    </EphorteUserAuthorization>
    <EphorteUserAuthorization>
      <AccessCodeId>UA</AccessCodeId>
      <IsAuthorizedForAllOrgUnits>>false</IsAuthorizedForAllOrgUnits>
      <OrgId i:nil="true"/>
    </EphorteUserAuthorization>
  </UserAuthorizations>
  <UserRoles>
    <EphorteUserRole>
      <FondsSeriesId>SAK UIO</FondsSeriesId>
      <IsDefault>>true</IsDefault>
      <JobTitle i:nil="true"/>
      <Org>
        <IsTop>>false</IsTop>
        <Name>*****</Name>
        <OrgId>SV ISV</OrgId>
        <ParentOrgId>SV</ParentOrgId>
      </Org>
      <RegistryManagementUnitId>J-UIO</RegistryManagementUnitId>
      <Role>
        <Description>*****</Description>
        <RoleId/>
      </Role>
      <RoleTitle>***** SV ISV</RoleTitle>
    </EphorteUserRole>
  </UserRoles>
</GetUserDetailsResult>
</GetUserDetailsResponse>
</s:Body>
</s:Envelope>

```

2.9 EnsureUser

2.9.1 Metode

```

DTO.Response EnsureUser(string customerId, string database,
  DTO.EphorteUser user);

```

2.9.2 Status : Delvis ferdig

Delvis ferdig: Brukere som blir opprettet av eller endret via denne funksjonen ser ut som at de blir endret/lagt til riktig i Ephorte, men de vil ikke bli mulige å søke opp via servicen etterpå. Dette er en alvorlig feil som må fikses.

2.9.3 Request

2.9.4 Response

2.10 DisableUser

2.10.1 Metode

```
DTO.Response DisableUser(string customerId, string database, string
userId);
```

2.10.2 Status: Ferdig

Ferdig: Alt ser ut til å fungere som tiltenkt. Ingen feil blir returnert under kjøring av request og logg b ekrefter at bruker er «disabled».

2.10.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:DisableUser>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userId>*****@UIO.NO</ser:userId>
    </ser:DisableUser>
  </soapenv:Body>
</soapenv:Envelope>
```

2.10.4 Response

2.10.4.1 Respons

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
```

```

<DisableUserResponse xmlns="http://Cerebrum2Ephorte/Service">
  <DisableUserResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
    <ErrorMessage/>
    <HasError>false</HasError>
  </DisableUserResult>
</DisableUserResponse>
</s:Body>
</s:Envelope>

```

2.10.4.2 Logg

014-11-27 14:39:32,033 Service.DisableUser -
 USER DISABLED: User *****@UIO.NO (***** *) for customer Ui02 and database
 uiotest2 was disabled on 27.11.2014.

2.11 EnsureRoleForUser

2.11.1 Metode

DTO.[Response](#) EnsureRoleForUser([string](#) customerId, [string](#) database, [string](#) userId, [string](#) jobTitle, [string](#) roleId, [string](#) orgId, [string](#) fondsSeriesId, [string](#) registryManagementUnitId, [bool?](#) setAsDefaultRole);

2.11.2 Status : Ferdig

Ferdig: Alt ser ut til å fungere som tiltenkt. Det blir også forsøkt å endre «jobTitle» etter at rollen allerede er lagt til, og informasjon blir oppdatert som tiltenkt.

2.11.3 Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:EnsureRoleForUser>
      <ser:customerId>Ui02</ser:customerId>
      <ser:database>uiotest2</ser:database>
      <ser:userId>*****@uio.no</ser:userId>
      <ser:jobTitle>Testansvarlig</ser:jobTitle>
      <ser:roleId>SB2</ser:roleId>
      <ser:orgId></ser:orgId>
      <ser:fondsSeriesId></ser:fondsSeriesId>
      <ser:registryManagementUnitId></ser:registryManagementUnitId>
      <ser:setAsDefaultRole>true</ser:setAsDefaultRole>
    </ser:EnsureRoleForUser>
  </soapenv:Body>
</soapenv:Envelope>

```

2.11.4 Response

Merk at dette ikke responsen fra selve kallet, men en respons fra et senere kall mot GetUserDetails(), for å se om rolle har blitt lagt til).

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserDetailsResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserDetailsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <User>
          <City>*****</City>
          <EmailAddress>*****@hotmail.com</EmailAddress>
          <FirstName>Arild</FirstName>
          <FullName>***** Marthinsen</FullName>
          <Initials>*****</Initials>
          <LastName>*****</LastName>
          <MiddelName i:nil="true"/>
          <Mobile>*****</Mobile>
          <StreetAddress>Hjemme</StreetAddress>
          <Telephone>*****</Telephone>
          <UserId>*****@UIO.NO</UserId>
          <ZipCode>****</ZipCode>
        </User>
        <UserAuthorizations/>
        <UserRoles>
          <EphorteUserRole>
            <FondsSeriesId i:nil="true"/>
            <IsDefault>true</IsDefault>
            <JobTitle>Testansvarlig</JobTitle>
            <Org>
              <IsTop>false</IsTop>
              <Name>Forskningsadministrativ avdeling</Name>
              <OrgId>FA</OrgId>
              <ParentOrgId>SADM</ParentOrgId>
            </Org>
            <RegistryManagementUnitId>J-UIO</RegistryManagementUnitId>
            <Role>
              <Description>Saksbehandler</Description>
              <RoleId>SB2</RoleId>
            </Role>
            <RoleTitle>SB2 FA</RoleTitle>
          </EphorteUserRole>
        </UserRoles>
      </GetUserDetailsResult>
    </GetUserDetailsResponse>
  </s:Body>
</s:Envelope>
```

2.12 EnsureAccessCodeAuthorizationForUser

2.12.1 Metode

DT0.[Response](#) EnsureAccessCodeAuthorizationForUser([string](#) customerId, [string](#) database, [string](#) userId, [string](#) accessCodeId, [string](#) orgId, [bool](#) isAuthorizedForAllUnits);

2.12.2 Status : Ferdig

Ferdig: Alt ser ut til å fungere som tiltenkt.

2.12.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:EnsureAccessCodeAuthorizationForUser>
      <ser:customerId>Ui02</ser:customerId>
      <ser:database>uiotest2</ser:database>
      <ser:userId>*****@uio.no</ser:userId>
      <ser:accessCodeId>Fo</ser:accessCodeId>
      <ser:orgId></ser:orgId>
      <ser:isAuthorizedForAllUnits>>false</ser:isAuthorizedForAllUnits>
    </ser:EnsureAccessCodeAuthorizationForUser>
  </soapenv:Body>
</soapenv:Envelope>
```

2.12.4 Response

Merk at dette ikke er responsen fra selve kallet, men en DEL av en respons fra et senere kall mot GetUserDetails(), for å se om autorisasjon har blitt lagt til).

```
<UserAuthorizations>
  <EphorteUserAuthorization>
    <AccessCodeId>FO</AccessCodeId>
    <IsAuthorizedForAllOrgUnits>>false</IsAuthorizedForAllOrgUnits>
    <OrgId i:nil="true"/>
  </EphorteUserAuthorization>
</UserAuthorizations>
```

2.13 GetUserBacklog

2.13.1 Metode

DT0.[EphorteUserBacklog](#) GetUserBacklog([string](#) customerId, [string](#) database, [string](#) userId);

2.13.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.13.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:GetUserBacklog>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userId>*****@UIO.NO</ser:userId>
    </ser:GetUserBacklog>
  </soapenv:Body>
</soapenv:Envelope>
```

2.13.4 Response

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserBacklogResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserBacklogResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>false</HasError>
        <BacklogMessage
xmlns:a="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
          <HasBacklog>false</HasBacklog>
          <LeaderEmail>*****@uio.no</LeaderEmail>
          <UserEmail>*****@uio.no</UserEmail>
        </GetUserBacklogResult>
      </GetUserBacklogResponse>
    </s:Body>
  </s:Envelope>
```

2.14 DisableRolesAndAuthorizationsForUser

2.14.1 Metode

```
DTO.Response DisableRolesAndAuthorizationsForUser(string customerId,
string database, string userId);
```

2.14.2 Status : Ferdig

Ferdig: Responsen i testen er som tiltenkt.

2.14.3 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://Cerebrum2Ephorte/Service">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:DisableRolesAndAuthorizationsForUser>
      <!--Optional:-->
      <ser:customerId>Ui02</ser:customerId>
      <!--Optional:-->
      <ser:database>uiotest2</ser:database>
      <!--Optional:-->
      <ser:userId>*****@UIO.NO</ser:userId>
    </ser:DisableRolesAndAuthorizationsForUser>
  </soapenv:Body>
</soapenv:Envelope>
```

2.14.4 Response

2.14.4.1 Før kjøring av DisableRolesAndAuthorizationsForUser-request

Dette er svaret fra en kjøring på GetUserDetails():

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserDetailsResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserDetailsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>>false</HasError>
        <User>
          <City i:nil="true"/>
          <EmailAddress>*****.*****@uio.no</EmailAddress>
          <FirstName>*****</FirstName>
          <FullName>***** </FullName>
          <Initials>*****</Initials>
          <LastName>*****</LastName>
          <MiddleName i:nil="true"/>
          <Mobile i:nil="true"/>
          <StreetAddress i:nil="true"/>
          <Telephone>*****</Telephone>
          <UserId>*****@UIO.NO</UserId>
          <ZipCode i:nil="true"/>
        </User>
        <UserAuthorizations>
          <EphorteUserAuthorization>
            <AccessCodeId>AR</AccessCodeId>
            <IsAuthorizedForAllOrgUnits>>false</IsAuthorizedForAllOrgUnits>
            <OrgId i:nil="true"/>
          </EphorteUserAuthorization>
          <EphorteUserAuthorization>
            <AccessCodeId>UA</AccessCodeId>
            <IsAuthorizedForAllOrgUnits>>false</IsAuthorizedForAllOrgUnits>
            <OrgId i:nil="true"/>
          </EphorteUserAuthorization>
        </UserAuthorizations>
        <UserRoles>
          <EphorteUserRole>
```



```

    <FondsSeriesId>SAK UIO</FondsSeriesId>
    <IsDefault>>true</IsDefault>
    <JobTitle i:nil="true"/>
    <Org>
      <IsTop>>false</IsTop>
      <Name>Pedagogisk forskningsinstitutt</Name>
      <OrgId>UV PFI</OrgId>
      <ParentOrgId>UV</ParentOrgId>
    </Org>
    <RegistryManagementUnitId>J-UIO</RegistryManagementUnitId>
    <Role>
      <Description>Saksbehandler</Description>
      <RoleId>SB</RoleId>
    </Role>
    <RoleTitle>Saksbehandler UV PFI</RoleTitle>
  </EphorteUserRole>
</UserRoles>
</GetUserDetailsResult>
</GetUserDetailsResponse>
</s:Body>
</s:Envelope>

```

2.14.4.2 Logg etter kjøring

```

2014-11-27 14:23:28,426 Service.DisableRolesAndAuthorizationsForUser -
AVSLUTTET KLARERING: Bruker '*****@UIO.NO' har mistet sin klarering til 'AR' for
egne saker
AVSLUTTET KLARERING: Bruker '*****@UIO.NO' har mistet sin klarering til 'UA' for
egne saker
2014-11-27 14:23:28,522 Service.DisableRolesAndAuthorizationsForUser -
AVSLUTTET AUTORISASJON: Bruker '*****@UIO.NO' har mistet sin autorisasjon til 'AR'
AVSLUTTET AUTORISASJON: Bruker '*****@UIO.NO' har mistet sin autorisasjon til 'UA'
2014-11-27 14:23:28,555 Service.DisableRolesAndAuthorizationsForUser -

AVSLUTTET ROLLE: Bruker '*****@UIO.NO' har mistet sin ARILDT@UIO.NO rolle på enhet
UV PFI'

```

2.14.4.3 Etter kjøring av DisableRolesAndAuthorizationsForUser-request

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetUserDetailsResponse xmlns="http://Cerebrum2Ephorte/Service">
      <GetUserDetailsResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ErrorMessage/>
        <HasError>>false</HasError>
        <User>
          <City i:nil="true"/>
          <EmailAddress>*****.*****@uio.no</EmailAddress>
          <FirstName>*****</FirstName>
          <FullName>***** </FullName>
          <Initials>*****</Initials>
          <LastName>*****</LastName>
          <MiddleName i:nil="true"/>
          <Mobile i:nil="true"/>
          <StreetAddress i:nil="true"/>

```

```

        <Telephone>*****</Telephone>
        <UserId>*****@UIO.NO</UserId>
        <ZipCode i:nil="true"/>
    </User>
    <UserAuthorizations/>
    <UserRoles/>
</GetUserDetailsResult>
</GetUserDetailsResponse>
</s:Body>
</s:Envelope>

```

3 Statusliste

3.1 Sist oppdatert

28.11.2014

3.2 Liste

3.2.1 Ferdig (13)

- Test
- TestWithEphorte
- GetAllRoles
- GetAllAccessCodes
- GetUserList
- GetUserDetails
- DisableUser
- EnsureRoleForUser
- EnsureAccessCodeAuthorizationForUser
- GetUserBacklog
- DisableRolesAndAuthorizationsForUser
- GetAllUsers
- GetAllOrgUnits

3.2.2 Ukjent (0)

3.2.3 Delvis Ferdig (1)

- EnsureUser

3.2.4 Feil (o)

3.2.5 Utestet (o)