

# **DAT108 - Oblig 4 Del 2**

Gruppe: 37

## **Deltakere:**

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## Bilde av påmelding skjema (og med feilmelding):

localhost:8080/paamelding

### Påmelding

Fornavn (2-20 bokstaver - ingen tall eller spesialtegn utenom "-"):

Etternavn (2-20 bokstaver - ingen tall eller spesialtegn utenom "-"):

Mobil (8 siffer):

Passord: (Passord må ha minst 8 tegn)

Gjenta passord: (Må være likt som over)

Kjønn:

☒ Mann ☐ Kvinne

Meld meg på

localhost:8080/paamelding

### Påmelding

Fornavn (2-20 bokstaver - ingen tall eller spesialtegn utenom "-"):

Etternavn (2-20 bokstaver - ingen tall eller spesialtegn utenom "-"):

Mobil (8 siffer):

Please match the requested format. Mobilnummeret må bestå av 8 siffer.

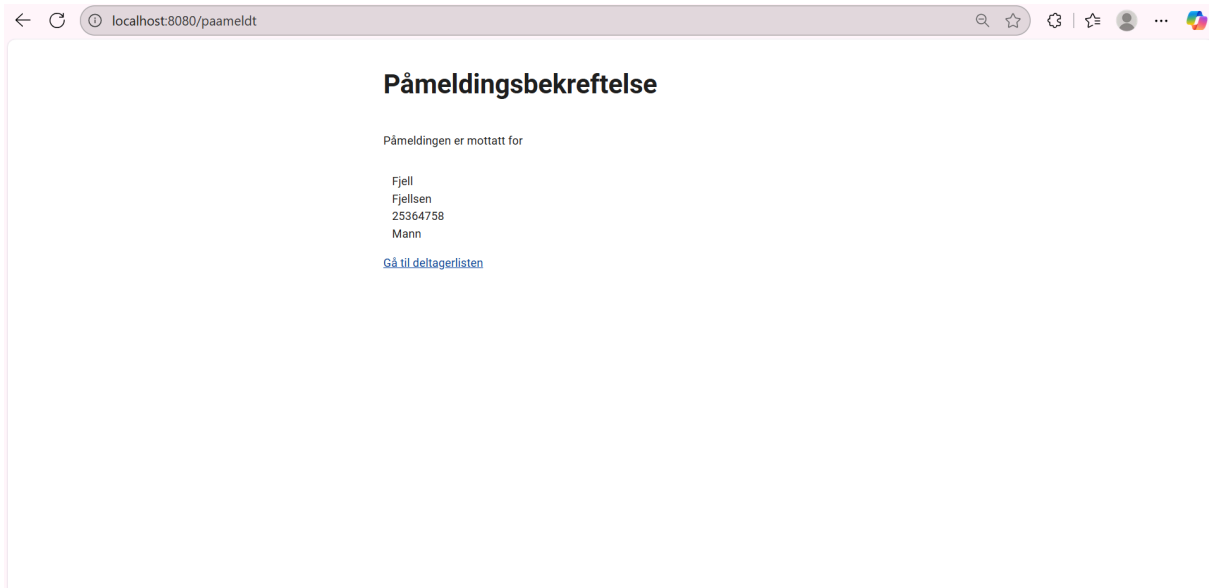
Gjenta passord: (Må være likt som over)

Kjønn:

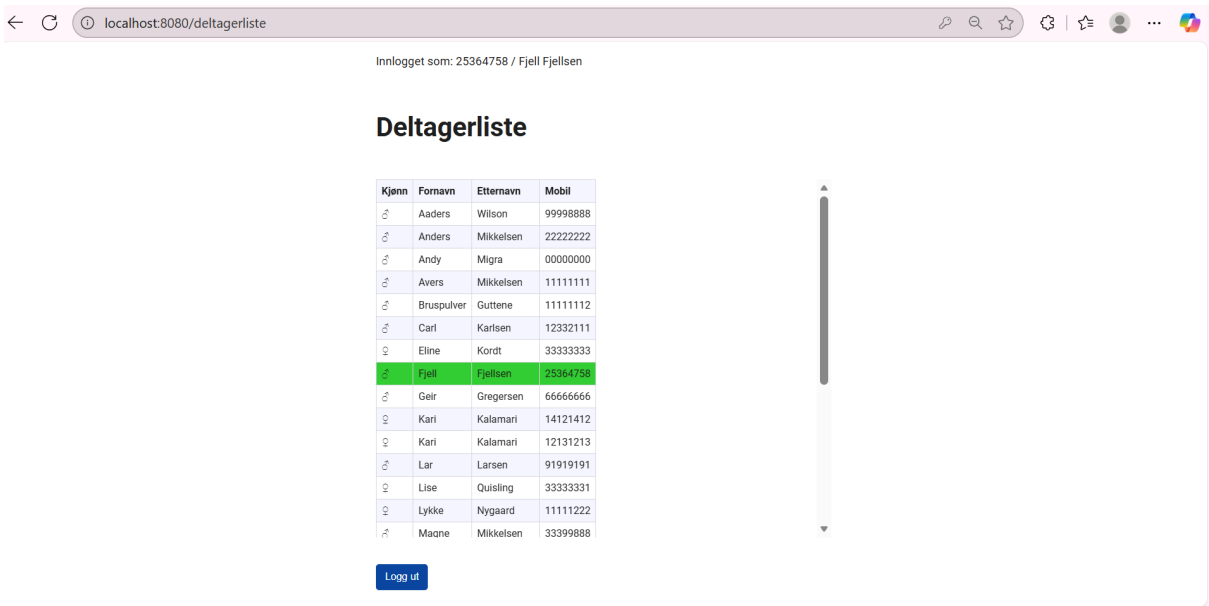
☐ Mann ☒ Kvinne

Meld meg på

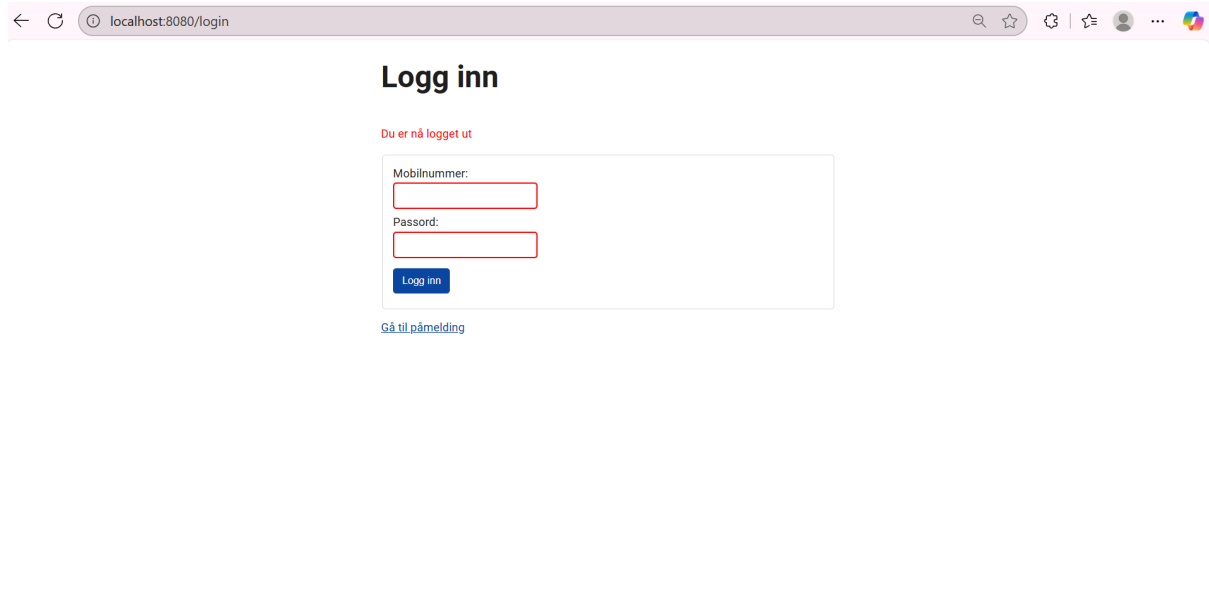
Bilde av påmeldingskjemabekreftelse:



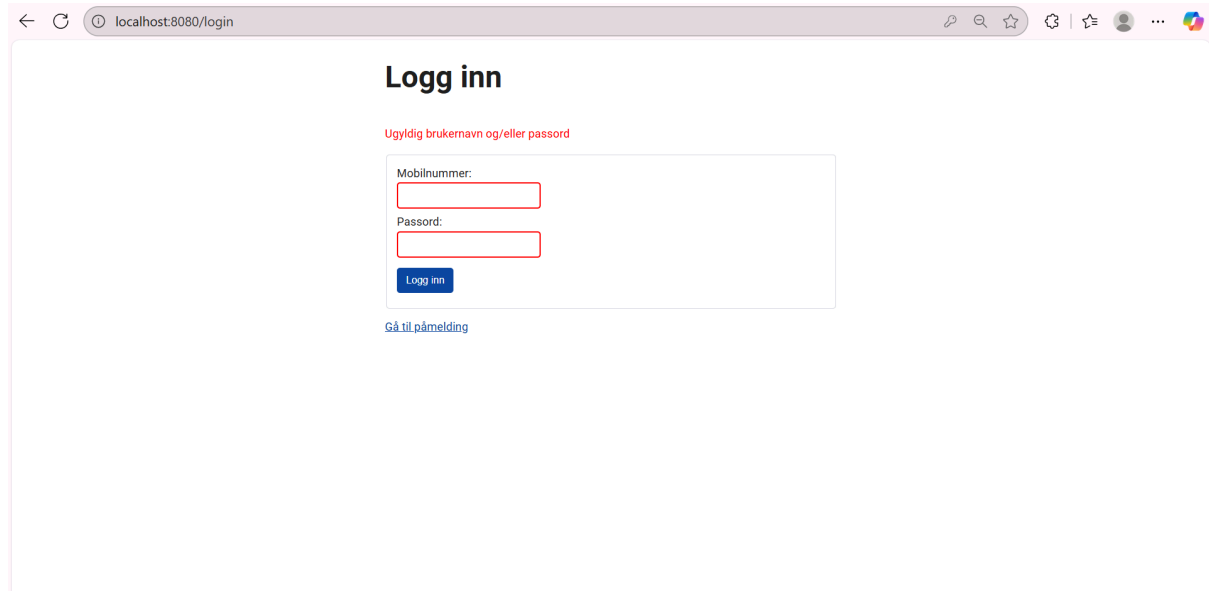
Bilde av deltagerliste: (grønn bakgrunn)



Bilde av innloggingssiden: (og med feilmelding):

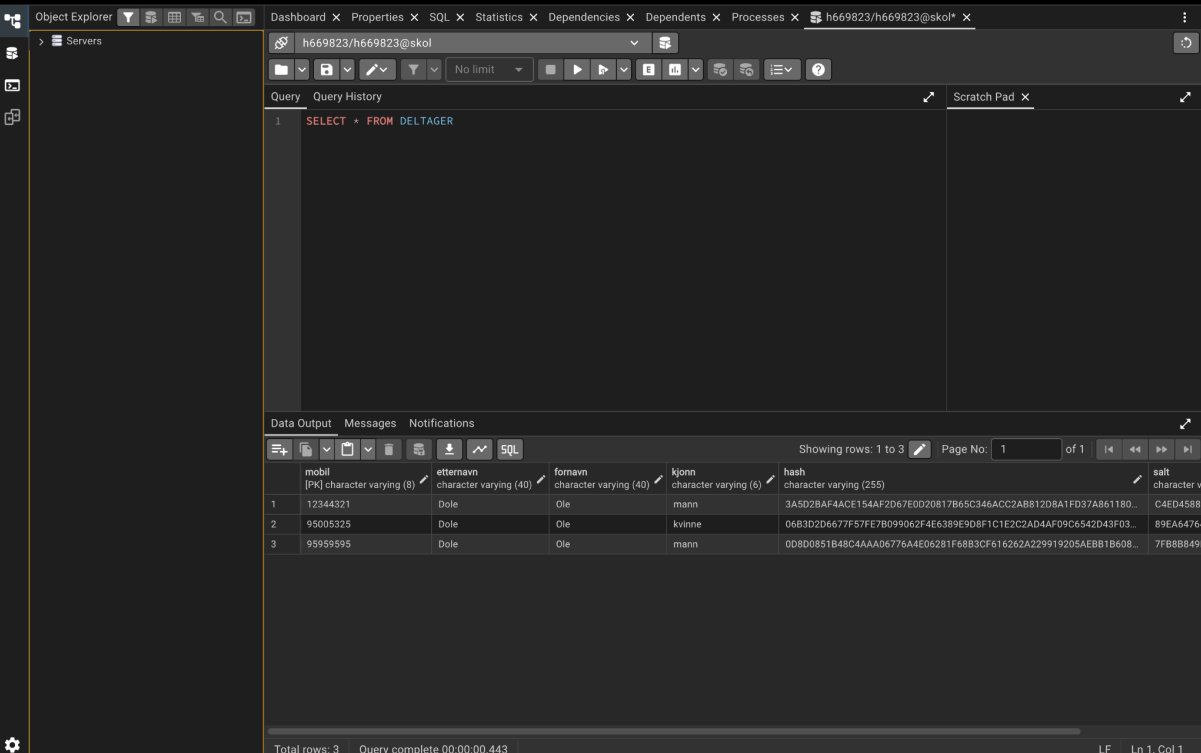


A screenshot of a web browser displaying a login page. The browser's address bar shows "localhost:8080/login". The page has a title "Logg inn". Below the title, there is a red error message "Du er nå logget ut". Underneath this message is a form with two input fields: "Mobilnummer:" and "Passord:". The "Mobilnummer:" field is empty, and the "Passord:" field is also empty. Below the input fields is a blue button labeled "Logg inn". At the bottom of the form, there is a blue link that says "Gå til påmelding".



A screenshot of a web browser displaying a login page. The browser's address bar shows "localhost:8080/login". The page has a title "Logg inn". Below the title, there is a red error message "Ugyldig brukernavn og/eller passord". Underneath this message is a form with two input fields: "Mobilnummer:" and "Passord:". The "Mobilnummer:" field is empty, and the "Passord:" field is also empty. Below the input fields is a blue button labeled "Logg inn". At the bottom of the form, there is a blue link that says "Gå til påmelding".

Bilde av databasen:



The screenshot shows a database management interface with a query window and a results table. The query executed is `SELECT * FROM DELTAGER`. The results table displays the following data:

	mobil [PK] character varying (8)	etternavn character varying (40)	fornavn character varying (40)	kjonn character varying (6)	hash character varying (255)	salt character v
1	12344321	Dole	Ole	mann	3A5D2BAF4ACE154AF2D67E0D20817B65C346ACC2AB812D8A1FD37A861180...	C4ED4588
2	95005325	Dole	Ole	kvinne	06B3D2D6677F57FE78099062F4E6389E9D8F1C1E2C2AD4AF09C6542D43F03...	89EA6476
3	95959595	Dole	Ole	mann	0D8D0851B48C4AA06776A4E06281F68B3CF616262A229919205AEBB1B608...	7FB8B849

At the bottom of the interface, it shows "Total rows: 3" and "Query complete 00:00:00.443".

junit tester:

```
5
6 public class PassordServiceTest {
7
8     @Test
9     void hashing_og_verifisering_fungerer() {
10         PassordService s = new PassordService();
11         String salt = s.genererTilfeldigSalt();
12         String hash = s.hashMedSalt(passport: "hemmelig", salt);
13         assertEquals(32, salt.length());
14         assertEquals(64, hash.length());
15         assertTrue(s.erKorrektPassord(passport: "hemmelig", salt, hash));
16         assertFalse(s.erKorrektPassord(passport: "feilpass", salt, hash));
17     }
18 }
19
```

```
8
9 public class DeltagerRulesTest {
10
11     @Test
12     void navn_mobil_og_passord() {
13         assertTrue(DeltagerRules.gyldigFornavn(s: "Anne Marit"));
14         assertTrue(DeltagerRules.gyldigEtternavn(s: "Østby-Li"));
15         assertFalse(DeltagerRules.gyldigEtternavn(s: "li"));
16         assertTrue(DeltagerRules.gyldigMobil(s: "12345678"));
17         assertFalse(DeltagerRules.gyldigMobil(s: "1234abcd"));
18         assertTrue(DeltagerRules.gyldigKjonn(s: "mann"));
19         assertFalse(DeltagerRules.gyldigKjonn(s: "annet"));
20         assertTrue(DeltagerRules.gyldigPassord(s: "hemmelig"));
21     }
22 }
23
```