INTERPRETATION OF SEQUENCE VARIANTS

INTERVAR

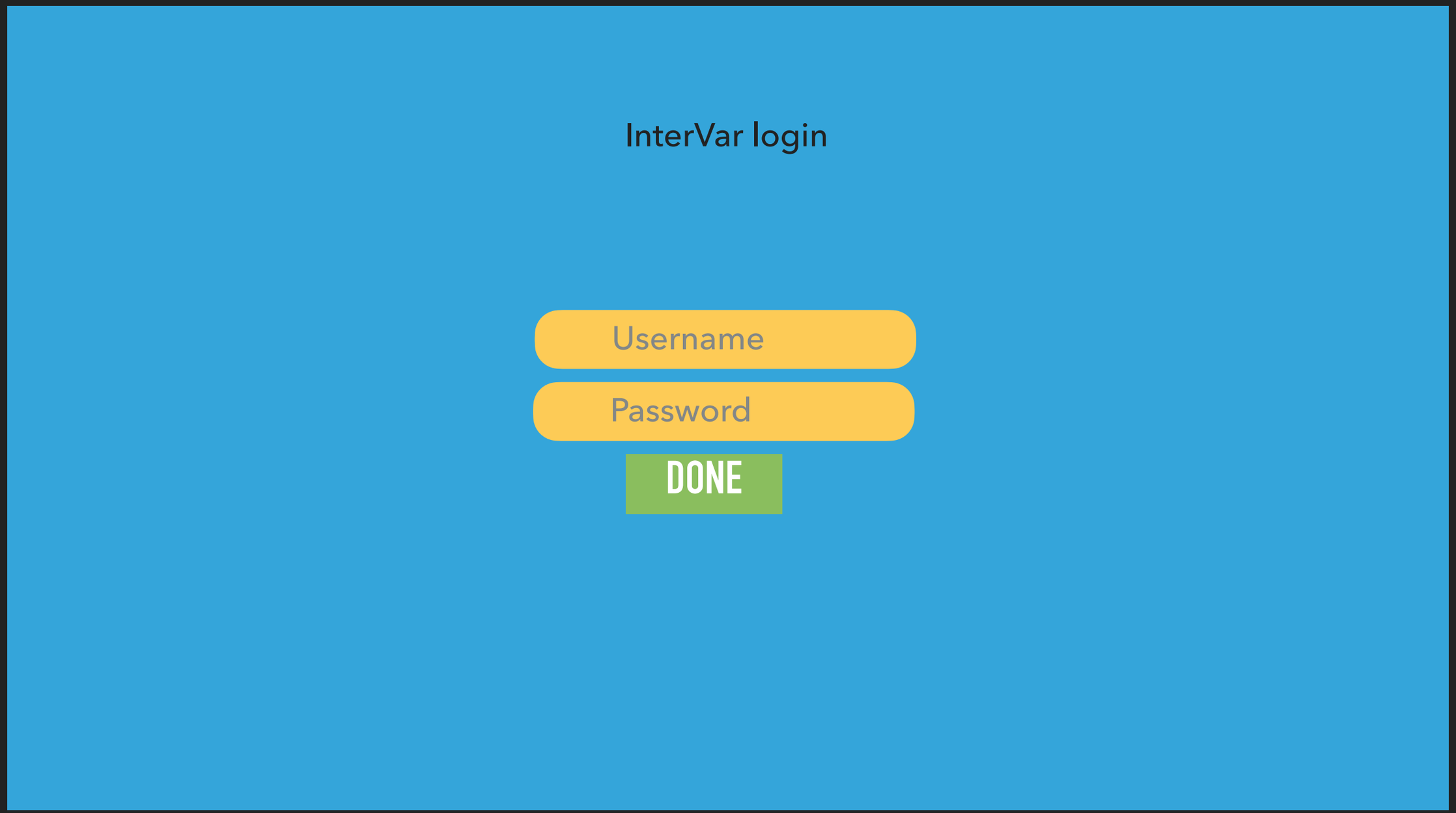
INTERVAR

- SQLite db
  - tabeller: pasientinfo, varianter, tolkning
- Python backend
  - Kjøre spørringer, lage rapporter, entre data i db
- Python + (django, flask etc.) frontend
  - webgui hvor bruker kan legge inn data, få oversikt printe rapporter etc.

SCHEMA FOR DB

- Pasienter
  - pasientID
  - Fødselsår
  - Kjønn
  - Kliniske opplysninger
  - Slektsnummer
  - Panel (hvilken analyse er utført (APN, HSP, Exom, Filtex))
- Varianter (Som VCF-format?)
  - Chr
  - Start
  - Stop
  - Ref
  - Alt
  - rsID
- Tolkninger
  - JSON fra Alamut
  - Tolket av / Dato
  - Klasse
- Kjøringer
  - Mean target cov
  - % Target > 20 & 30 X
  - SBS

Login screen

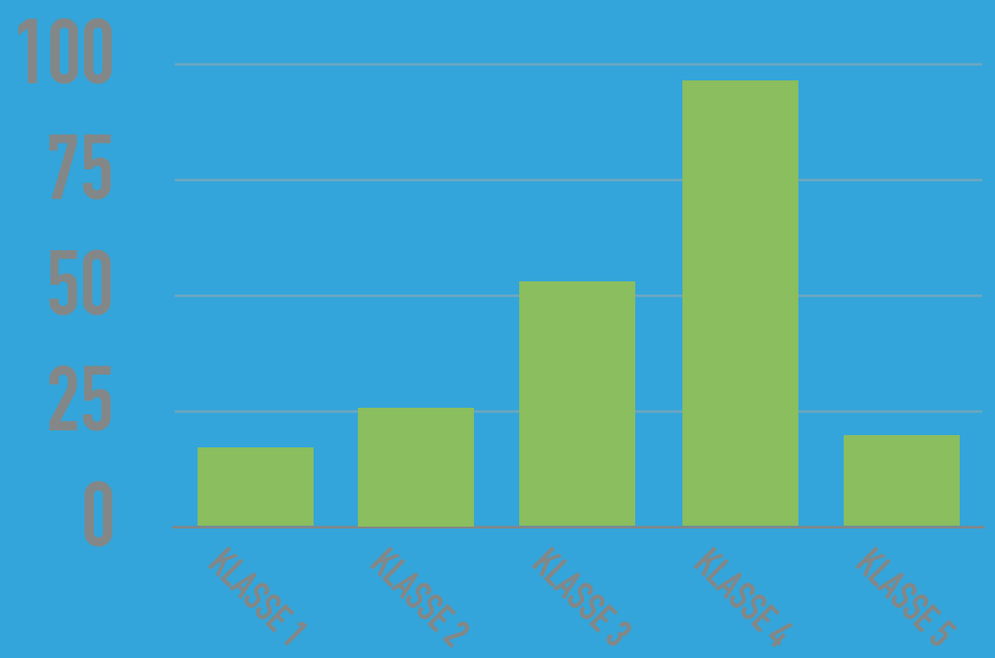


Overview screen

Overview

SUMMARY:
ANTALL PRØVER: XX
ANTALL KJØRINGER: XX
ANTALL VARIANTER: XX

ANTALL VARIANTER I FORSKJELLIGE KLASSER



SELECT SAMPLES

Scrollbar

Sample 456_13
Sample 432_14
Sample 763_14
Sample 764_12

Double click to go to sample summary

NEW SAMPLE/ INTERPRETATION

Patient screen

Patient screen

PATIENT INFO:
PATIENT ID
BIRTHDATE
FAMILY ID
CLINICAL INFO
PANEL

UPDATE

Scrollbar

VARIANTS CONNECTED TO THIS SAMPLE:

Chr	Start	Stop	Mer info
1	123	1234	blabla
2	123	123	blabla
X	321	231	blabla
2	231	312	blabla

Double click to go to variant summary

ADD VARIANT

REPORT

Variant screen (Popup from patient screen button)