INF5750 - Group project overview

General info

- 3-4 students per group
- You can suggest group members
- If not, you sign up for your favourite project topic. We will try to accomodate everyone.
- Deadline: 7th december (3 milestones)
- Multiple groups will do same type of group project. You can innovate on the requirements.
- Don't copy other groups!

Group presentation

- Group presentation: 9th December
- Presentation must show how everyone participated in the development

The winning team will get favourable mention on the INF5750 web site and get LinkedIn recommendations from the lecturers with reference to the project (if you want :-))

App for visualization

- Touch-friendly data visualization interface.
- Should work well on tablet/phone
- Show graphs, charts etc.
- Deployed as DHIS2 web app (but specially designed for touch-based interfaces)
- Leverage DHIS2 web api

Survey app

- Single event data entry form
- Skip logic (eg. If pregnant, fill in these extra forms)
- Make interface for easily defining form and skip logic (integrated with single event, but you'll need some additional info)
- Available as DHIS2 web app and Android app (phonegap)
- Touch friendly UI

Save favourite health data on social network

- Embed health related tweets on DHIS2 dashboard
- Share health data from DHIS2 on social networks
- Embed facebook and/or other social network profile in DHIS2 profile

Geolocation data entry

- Based on single event data entry
- Deployed as DHIS2 web app & as android app (phonegap)
- Show map of current location.
- Select location or current location to link to data entry, then enter data on a form
- Data is stored with location.
- Ability to store images related to form entry.
- Show data entered on a map.

Patient tracker embedded web apps

- Embed a simple web app into the existing DHIS2 tracker web pages
- Embed a different search page - sounds-like-search
- Embed a new function into the patient dashboard, such as showing the location of the person's residence on a map.
- Make a mobile app showing the location of patients living in the area on a map

Discussion/collaboration web app for DHIS2

- DHIS2 has a very popular feature allowing users to annotate and discuss data
- Several countries have requested a different user interface, showing the discussion in a threaded view
- Show discussion and comments in a forum-style interface
- Link to profile of users
- Search for topics/indicators
- This will be a DHIS2 web app

Sign up

We can't make everyone happy. We'll try to fit everyone into a group they want to be in. Go to http://goo.gl/Kp7tn7 and sign up.

If you already have a group you want to do the project with (max 4 people), come up with a unique name and let everyone fill in the form, giving that name in the bottom field.

Anti-cheat declaration

You must sign a declaration that you won't cheat!

http://www.uio.no/english/studies/admin/examinations/cheating/declaration.pdf (english)

http://www.uio.no/studier/admin/eksamen/fusk/egenerklering-bm.pdf (norsk)

Deadlines

- Milestone 1: 1st November
  - Document features and architecture on Wiki
  - Show understanding of DHIS2 web apps
- Milestone 2: 15th November
  - First bare-bone version - static HTML
  - Uploadable as DHIS2 web app
- Milestone 3: 30th November
  - Finished, if applicable also with mobile app.
- Final delivery: 8th December
- Presentation: 9th December
- Some may have to present later in week