Plan for rest of the semester

First week of the February: make a detailed plan for the rest of the semester. Make an overall skeleton of the master thesis. Talk to Jens and get it approved. This draft should include all the chapters and the tentative content of each of them.

Make a prioritized list of what to do when. Chapter wise.

|  |  |
| --- | --- |
| Chapter | Name |
| 1 | Introduction   * Research problem * Research question * Motivation? * Usability (short) |
| 2 | Context   * About the country * The current health service situation – clinics (including use of health passports) * Roles of users in the clinics --+ outreach * Challenges: weather, politics, economy etc. may affect. * Use of mobile technology in the Health domain * Useability, etc? |
| 3 | Bar/QR code   * Technical details for both types * What I chose for this solution * Why |
| 4 | Method   * Research method chosen – AR? (ish) * My journey * Choice made for prototype – why not the in the DHIS2 app? * Data collection methods. Interviews, observations, field experiment * Pre-work for data collection (e.g. dummy booklets, user manuals etc.) |
| 5 | Previous work & platform technology   * Manuel registers * Baobab * Comcare + |
| 6 | Patient identification   * Solutions I suggested for implementation based on data from previous visit * Solution I went for & why |
| 7 | Design & implementation + platform & Tracker   * DHIS2 platform – open source + tracker app * About the prototype * Design & functionality * Hardware & software I chose * And why I made those choices |
| 8 | Iterations   * Changes I had to make in the prototype   Based on data/findings |
| 9 | Discussion   * Findings (?) * Comparison w/Baobab * Answer the RQs * Further work |
| 10 | Conclusion |

Other:

* Compare this prototype with baobab (& manual reg?)
* Mobile technology in health domain
* Usability, effectiveness etc.?
* Project modularization: 3 parts (scanner, generator & printer)

|  |
| --- |
| 8 weeks – (7-15): 1 chapter per week  ~10 articles per chapter |

|  |  |
| --- | --- |
| 9 | Comparison w/Baobab   * Data I got * The comparison |
| 10 | Conclusion |

**Chapter 6 – Patient identification**

* General about making choice – in diversity of systems
* Sub-chapter 5.2
  + What was implemented for this prototype – partially local
* How does it work?
  + Apart from what is already mentioned in implementation chapter.
  + Focus on the theory here. Put into the findings from previous sub-chapter.
    - Explain in detail. W\figures.
* Why this solution was chosen?
  + Why is it good in this case.?

**Chapter 3 – Bar/QR codes**

* Storage of barcodes
* Details about the code being used here
  + Bits and their partition - how it is divided.
  + Like which part holds the object, header etc. Like the one below: (this one is only for EPC)