

CSE494/598 Mobile Health and Social Networking (Sp 2009)

Term Project: Phase I (Proposal) Requirements

Due: TBD

Submit hardcopy of your Phase I report at the beginning of the class. Remember the goal of the Phase I report is to identify a precise problem to work on in the Phases II and III. Phase I loosely reflects to the *Inception* phase in the *Unified Software Development Process*. Refer to the Course Syllabus for description of Phase II and III. The report should be written in a technical style using good English. All referenced sources should be cited. In addition to **requirements identification** and **application description** (e.g. functionality, use and business model), the report should provide answers to the following questions:

1. Broad Insight
 - a. What is your goal and motivation in creating the application you selected?
 - b. What already available products does your application compete with?
What already available products does your application complement?
 - c. Why would your application be useful and “catch on” in the market?
 - d. What do experts believe about the maturity of applications in the area that you selected?
2. Technological Insight
 - a. What future technology breakthrough would most definitely benefit application development in your selected area?
 - b. What hardware/software platform did you select? Why?
 - c. What are the most challenging technical aspects of developing your application?
 - d. What are your tentative plans for the Phase II?
3. Material
 - a. A list of resources (magazine articles, references to related products, developer tools and documentation) that you have or will use.

A suggested structure (you are not required to follow it) is: (i) synopsis/summary, (ii) background and motivation, (iii) requirements identification and application description, interface & functionality, (iv) discussion of benefits and limitations, (v) tentative plans for Phase II, (vi) list of resources.

The report should exhibit *cohesion*, *exactness* and *brevity*. The report should reflect your **understanding and insight** rather than trying to quote all the resources you used for the report. As a guideline, try to restrict your reports to three pages (Minimum 10 point font, excluding citations).