

HW3: Generating ideas for your selected FIT-related problem

Group name:

Group member 1:

Group member 2:

Group member 3:

For each group member, identify 3 different FIT students (A, B, C) outside this class for some of the following questions. If your group has 3 members, preferably a total of 9 different students outside this class. It's ok if A, B, C overlap among group members. That is, 3 - 9 different FIT students for the group.

1. Problem statement from HW2 (which could have multiple related problems).

2. For each problem, generate an idea to solve the problem

Group member 1:

Group member 2: ...

3. For each problem, generate a second idea to solve the problem

Group member 1:

Group member 2: ...

4. For each problem, discuss the pros and cons of the two ideas and select/devise one idea.

Group member 1:

Group member 2: ...

5. For each problem, what is the value/benefit of the idea in Q4 to the user(s) [related to pains/inefficiencies/gaps and trends in HW2]?

Group member 1:

Group member 2: ...

6. For each problem, ask student A if he/she agrees with the idea for the problem and its value/benefit in Q5. If not, brainstorm for better ideas.

Group member 1:

Group member 2: ...

7. Repeat Q6 with student B

Group member 1:

Group member 2: ...

8. Repeat Q6 with student C

Group member 1:

Group member 2: ...

9. After brainstorming with the other students, select/devise an idea for each of the problems (types of users, users can ...).

10. Update the value/benefit of your idea to the user(s) for each of the problems.

11. Draw mockup diagrams of the user interfaces to your system for each type of users (ie., each screen on the webpage/app/...).

12. For each idea (system feature) in Q9, ask student A if the user interface diagram helps implement it. If not, ask for suggestions.

Group member 1:

Group member 2: ...

13. Repeat Q12 with student B

Group member 1:

Group member 2: ...

14. Repeat Q13 with student C

Group member 1:

Group member 2: ...

15. Based on Q12-Q14, update the user interface diagram in Q11. The user interface diagrams would implement your ideas (system features) and achieve the value/benefits for the users.