Rubric for assignments

Assignment #1: conceptual model, user research, storyboard of wireframes (51%-> 9%)

Criteria	Does not meet specifications	Meets specifications	Exceeds specifications
Conceptual model (in step 1) How effective are each sketches detailing a conceptual model for the usage of personal lifestyle monitoring system? Total: 9%	**(1-3)** The assignment includes less than 6 sketches or it contains sketches that are not divergent enough from each other to be considered separable ideas.	**(4-6)** The assignment includes 6 divergent and creative sketches. Each sketch intuitively makes sense or is accompanied by text/ signifiers that clarity its function related to the task.	**(7-9)** The assignment includes more than 10 sketches, creative, clear, and detailed sketches. Utilize some supplemental tool/ platform to make the sketches come alive.
Storyboard of wireframes- discoverability (step 2 and step 4) How effective are the final wireframes summarizing user discoverability within the system? Total: 9%	**(1-3)** Although some wireframes may be provided, not all signifiers are clear. This could be a result of unclear or inappropriate naming, images, symbols or inconsistent usage, and/ or confusing language. The first and final flows are indistinguishable.	**(4-6)** There are sufficient wireframes to detail aspect of discoverability within the system. The design of signifiers makes it easy to understand function with or without text description. The first and final flows are distinct.	**(7-9)** More than sufficient wireframes to detail all aspect of discoverability within the system. The design of signifiers makes it easy to understand function without text. Signifiers takes into account various cultural sensitives or perspectives. The first and final flows are distinct.
Storyboard of wireframes- feedback (step 2 and step 4) How effective are the final wireframes summarizing user feedback within the system ? Total: 9%	**(1-3)** Although some wireframes may be provided, feedback is not sufficient. This could be a result of ambiguous or uninterpretable feedback. There is no difference between the first and final flows, indicating no significant changes based on user feedback.	**(4-6)** There are sufficient wireframes in providing appropriate feedback within the system. Feedback is clear and represents an intuitive and direct response to user action. The first and final flows are distinct, indicating significant changes based on user feedback.	**(7-9)** More than sufficient wireframes in providing appropriate feedback within the system. Feedback unifies and builds on other elements in the user interface. Not only is the feedback appropriate, but it does not detract from the user experience. The first and final flows are distinct, indicating significant changes based on user feedback.
Hierarchical Task Analysis	**(1-2)** Diagram is not	**(3-4)** Diagram is sufficient to	**(5-6)** Diagram is in detail

Is the diagram show adequate breadth and depth of tasks? Is the diagram consistent in grouping similar tasks on same level in hierarchy? Total: 6%	sufficient to show the depth and breadth of the tasks in the system design and grouping of tasks is not relevant and inconsistent.	show the depth and breadth of the tasks in the system design. It shows consistent of similar tasks in grouping.	showing the depth and breadth of the tasks in the system design including sequence, iterative and conditional tasks. It shows consistent of similar tasks in grouping.
User research (User analysis and user feedback) Was user research performed and modifications made based on these reviews? Total: 9%	(1-3) There is no indication that user research was carried out, or fewer than 3-5 people were consulted. No noted modification based on feedback. Although 3-5 users were asked, each of them is in similar background that could not give much feedback. No evidence shows that the user feedback is obtained.	(4-6) At least 3-5 users were asked to provide feedback, the summary of feedback is clear and the particular modifications made based on the feedback are detailed. Each user in the review is from diverse background and much feedback is obtained. Evidence shows that the user research and user feedbacks through questionnaire, interview etc.	(7-9) More than 5 people were asked to provide feedback, or more than one round of feedback solicitation and modification was performed. The iterations resulted in major improvements to the wireframes. Each user in the review is from diverse background and the user involved is intended user of the system (such as elderly, health cautious who has health problem history such as stroke, or high cholesterol, patient). Much feedback is obtained. Evidence shows that the user research and user feedbacks through questionnaire, interview etc.
Individual contribution effort Are members in the team involved in all stages of design? Total: 9%	(1-3) Individual log generally shows the basic stages for delivering the assignment hands-out. No sufficient details describing each task. Log merely shows some contents in order to fulfil the assignment delivery.	(4-6) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the	(7-9) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Additional of task also included and implemented even though it does not explicit in the assignment hands-out (eg finding and make

	The content is similar with other team members.	whole assignment.	appointment with intended users, researching of similar concept of usage for the system). Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the whole assignment.

Assignment #2 : Move to high fidelity prototype (48% ->8%)

Presentation and prototype demonstrations evaluation (30%)

No	Items	Poor		Satisfactory		Excellent	Marks Gained
1	**Content in the prototype**	1 (Not Enough)	2	3 (Reasonably, some contents are not detailed or fake data)	4	5 (show real data in all screens)	
2	**Error prevention & error handling**	1 (does not include)	2	3 (contain some error messages and show some design that support error prevention)	4	5 (have most of error messages in all possible user interactions and support error prevention in all task scenarios)	
3	**Behavior of prototype**	1 (does not show the usage of the system)	2	3 (All scenarios of use are shown and complete)	4	5 (show the behavior of the prototype through scenarios of use)	
4	**Unified design**	1 (overall design is totally unacceptable as confusing, complicated, and/or inconsistent	2	3 (clearly recognizable as a unified project design. Discoverability and feedback are intuitive and culturally	4	5 (recognizable as a unified project design whose creativity shines through while maintaining a simple, self-consistent	

		exist.)		relevant/ sensitive. No occurrence of complicated in performing tasks.)		understanding of all concepts.)	
5	**Fidelity of Prototype**	1 (simple, still look alike storyboard)	2	3 (basic sequence of tasks but other aspect of design are not complete)	4	5 (as real system)	
6	**Handling Questions**	1 (Poorly Dealt with Audience)	2	3 (Fairly Well Handled)	4	5 (Competently Handled)	
Comments:					**Total (30%)**		

Criteria	**Does not meet specifications**	**Meets specifications**	**Exceeds specifications**
Scenario of tasks Total: 9%	(1-3) Least than 5 different scenarios of use. Not in logical order or the task flow in the interface couldn't fulfil the task goal.	(4-6) 5 different scenarios of use are explained. Reasonably Ordered. All flows in the interface could fulfil the task goal	(7-9) More than 5 different scenarios of use are explained. All flows in the interface could fulfil the task goal with additional support for all types of users-novice and expert.
Individual contribution effort Are members in the team involved in all stages of design? Total: 9%	(1-3) Individual log generally shows the basic stages for delivering the assignment hands-out. No sufficient details describing each task. Log merely shows some contents in order to fulfil the assignment delivery. The content is similar	(4-6) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the whole assignment.	(7-9) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Additional of task also included and implemented even though it does not explicit stated in the assignment hands-out (eg finding and make appointment with

	with other team members.		intended users, researching of similar concept of usage for the system). Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the whole assignment.

Assignment #3: Usability testing (42% -> 8%)

Criteria	Does not meet specifications	Meets specifications	Exceeds specifications
Executive summary: -main goal of the study. - how the session were conducted. - scenario that participants completed. - overall results of tasks completion Total: 9%	(1-3) There is not or partially completed in explaining each of the required components.	(4-6) All components needed explained.	(7-9) All components needed explained. Explanations provide a good insight of the usability testing conducted and its result.
Participant's profile - user profile - number of participants and their profile. - what participant did? -what data was collected? Total: 9%	(1-3) Less than 3 users involved. Profile for each user is not distinctive. Lack of 1 or more components needed.	(4-6) 3-5 users are involved in the testing with each of them has distinctive background. All needed components explained.	(7-9) More than 5 users involved in the testing. Equal numbers of users possess distinctive backgrounds. All needed components explained.
Major findings Identify the major issues/ problems. Identify solutions that could solve the usability problems specifically. Total: 6%	(1-2) Problems and recommendation identified are not relevant with each other.	(3-4) Usability problems and related solutions are identified and summarised.	(5-6) The identified usability problems supported by the overall findings that could capture the major issues that need to take action. The recommendations relevant to the major issues identified and significantly improved the problems.

Detail findings and recommendation Are all test scenarios relevant and sufficient to cover the main task scenario in design? Are recommendations to solve the identified usability problems? Total: 9%	(1-3) Test scenario is less than 5 and does not relevant with the task scenario in design. Recommendations stated do not related to the identified usability problems in the findings.	(4-6) 5 test scenario evaluated and relevant to the task scenario in design. Recommendations are related to the identified usability problem in the findings. User feedbacks are taking into consideration in the recommendation.	(7-9) 5 test scenario evaluated and relevant to the task scenario in design. All evaluated test scenario are the main task/ function in the system design. Recommendations are related to the identified usability problems and user's feedbacks in the findings and significantly could improve the usability problems.
Individual contribution effort Are members in the team involved in all stages of design? Total: 9%	(1-3) Individual log generally shows the basic stages for delivering the assignment hands-out. No sufficient details describing each task. Log merely shows some contents in order to fulfil the assignment delivery. The content is similar with other team members.	(4-6) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the whole assignment.	(7-9) Individual log shows some tasks that lead to the delivery of the assignment hands-out. Additional tasks also included and implemented even though it does not explicit stated in the assignment hands-out (eg finding and make appointment with intended users, researching of similar concept of usage for the system). Descriptions are clear to show out each task and sub-tasks. Task description within the team members are distinctive that could integrate to deliver the whole assignment.