Software Engineering CSC648/848

iPlate

Team 02 / Section 01

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"Milestone 3"
March 21, 2022

"Application URL"
http://34.127.94.100/

Appendix I – Rubrics and checklist for Part 1 Milestone 3 review: Project Status and UI Review. Use modification of this for M3 summary

1. *UI and functionality feedback (P1 functions only)*

During the meeting, students will <u>demonstrate to run your SW from deployment server</u>:
- Test 5~6 P1 features
- Show UI and usability: adherence to the feedback on UI mockup at M2, layout, flow, clarity, functionality etc.

Instructor will
- Check functionality and record issues/observe bugs
- Share comments on key UI implementation
- Verify enough WWW pages are implemented and connected
- Verify Performance of web page

Students must record meeting summary (use a scribe and Appendix I as template. Keep tracks of institutor's comments). Then the team should meet to analyze feedback, prioritize and revise and plan to implement changes accordingly**. Also, immediately after the review the team must finalize P1 set of features and focus only on those from then on.**

- Instructor's comments on functionality for your demo (should be filled after your demo on M3)

Comments:
1. The analysis → Calculate the calorie count and show the consumption of each food group for each meal in the Food History page, which would be helpful for application uses.

To-do's:
1. We are currently working on calculating the calories based on consumption of each food group and its quantity they have taken. The calculation would be done in the backend and displayed in the frontend in the form of percentage in the pie chart.

- Instructor's comments on UI (should be filled after your demo on M3)

Comments:
1. The pie chart or the plate that we have needs to be modified in the record page in order to make it responsive with mobile devices. Also, optimize the pie chart by utilizing it or by displaying some useful information in it.

To-do's:
1. We are planning to have the food group as modal popup or to resize the plate design. Yet to arrive at a conclusion.

2. *List of P1 features committed for delivery– <u>write down the items before the demo and </u>verbally explain it during the meeting if time is allowed*

Please show the list of P1 features you are going to commit for the project. Once you set these at M3, you cannot change during the rest of the semester.

Function	Sub Function - Description	Priority
Homepage	Dashboard that shows information about the application and mission/vision about the website and it's use.	1
Create an Account/Login	New users are required to create account with their personal details like username/email and password	1
	Login using the created account	1
Record their daily meals	The recording (main) page would have the plate split into five areas (fruits, vegetables, grains, protein, and dairy). Users are able to record their food based on the food history that they had.	1
	If users prefer, they can record the food with their desired unit. If not, we would use the recommended portion which is published by the U.S. Department of Agriculture.	1
Edit/manage their past or future meals	Users are able to revisit their past meals	1
Analysis Diagram	Help the users to keep aware of the ratio of the food that they ate. Ratio is calculated by calories defined in DB multiplied by Quantity from user - refer UI mockup for ratio representation	2

3. *Project status – <u>write down the items before the demo</u> and verbally explain it during the meeting if time is allowed*

a) *Teamwork*: is the team working out, any related issues. (important)

   Response: The team is meeting every Wednesday at 2 pm. Each member of the team is actively participating and contributing equally.

b) *Risks*: all <u>actual</u> (not hypothetical) risks (schedule, technical, skills etc.) should be identified and either resolved or plans should be made to resolve them asap.

   Response: We have started using the GitHub effectively and that is when we are getting few conflicts as we work with multiple feature branches. Apart from that team is well organized and on track with technical aspects.

Appendix II– Rubrics and checklist for Part 2 Milestone 3 review: SW Review (to be done off-line by TA after Part 1 review)

Instructor/TA to Check and comment below:

- Git/Github organization (e.g. organization of branches)
    - To setup Dev branch and Feature branches are strongly recommended.
    - Grading check points : how many branches are setup and how they are used for.
- Git/Gith, git hub usage: code review practices (to see if the review comments are proper and enough)
    - Grading check points :
        - how many code reviews are being done for the dev branch (or any integration branch)
        - what are check items to review codes
- Frameworks (back end front end) deployed correctly
- Database organization (tables, naming…)
- Efficiency (proper use of image thumbnails, efficient search etc.)
- Other