Group 29 (AKT)
Software Development Plan

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September 29, 2017
Version 1.2

Contents

Revision History

Version	Date	Comments
1.0	25/09/17	Created document
1.1	26/09/17	Updated sections (1, 5, 6)
1.2	27/09/17	Updated content

1 Team Meeting Plan

Where, When, Frequency, Roles, Rules for Agenda

1.1 Meeting Details

Team AKT will meet regularly twice a week with all members present for the duration of the project. The meetings will take place in Lab (L03) at 8:30am on Wednesdays and 2:30pm on Fridays. Depending on the progress of the project, extra meetings may be required and will take place at Thode Library on the McMaster University campus or online throug Skype; times may vary. Additional meetings may not require all members to be present.

1.2 Meeting Roles

Roles for the each team meeting will be assigned as follows:

Chair: The chair of each meeting will be selected on a regular rotating basis. The chair will be responsible for preparing the meeting agenda (see section 1.3 below).

Notetaker: The primary notetaker will be Kathryn Kodama. If the primary notetaker is not present, either Alex Trudeau or Tommy Tran will fill the role. The notetaker is responsible for taking meeting minutes when appropriate, that is if there is a large amount of content covered in the meeting or an import design decision has been made.

1.3 Meeting Agenda

As stated in section 1.2 above, each meeting will have a chair who will prepare the meeting agenda. The notetaker will take meeting minutes when appropriate.

Basic Meeting Agenda Outline
To be filled out prior to meeting:

- Chair of meeting contacts team members in order to generate meeting agenda. Checkmarks specified in documentation that should have been completed since last meeting are added to the agenda.

  To be completed throughout meeting:

- Chair reviews agenda

- Team members responsible for each topic present the issue and seek input from other team members if required.

- If necessary project schedule is modified based on current progress.

To be completed at the end of each meeting:

- Entire team comes up with a written statement on decisions made in meeting and effectiveness of the meeting.

- Chair reminds team of what is to be completed by the next meeting according to the Project Schedule.

2   Team Communication Plan

Team AKT will primarily communicate through a Facebook Messenger Chat, Git issues, and in person. Facebook Messenger will be used for casual conversation such as questions, quick updates, and choosing a meeting time and place if an additional meeting outside of lab hours is required. Git issues will be used for flaws in the code discovered through creation or testing.

3   Team Member Roles

Team Member	Roles
Alex Trudeau	Backend Developer
Kathryn Kodama	Developer, Documentation
Tommy Tran	Developer, Tester

4   Git Workflow Plan

- Properly tag commits and documentation on Gitlab.

- The Master will be branch for finalized, working code. Where there are merge issues Alex Trudeau will primarily resolve the conflict. Where there are merge issues Alex Trudeau will primarily resolve the conflict.

- Create a developer branch that stems to feature branches.

- Notify other members on possible breaking code conflicts

- Git Issues will be used should the team notice any significant issues while testing.

5   Proof of Concept Demonstration Plan

Considering the experience of the team members, most features of the Reddit-Clone application will be implemented by the proof of concept deadline. One of the challenges of the Reddit-Clone project will be to develop and routinely test to ensure all features function according to the specified requirements. Many features such as a mobile friendly experience, user profile, and post sorting may be postponed for development until after the proof of concept demonstration as they have secondary priority. Core functionality such as viewing posts or comments and user handling(authentication and account management) will be demonstrated as a proof of concept as they have primary priority.

6   Technology

Programming Languages: JavaScript
Frameworks: Ionic 2 and Angular
Document Generation: Latex will be used for official documentation and Google Docs will be used for meeting minutes and meeting agendas.

7   Coding Style

https://google.github.io/styleguide/javascriptguide.xml

8   Project Schedule

See Gantt Chart on Gitlab repository: `https://gitlab.cas.mcmaster.ca/trudeaua/`
`reddit-clone/blob/master/Documentation/Development%20Plan/GanttChart`

9   Project Review (for Revisions 1)

To be completed.