Texas A&M University

CSCE 431 - Software Engineering

**FileSwipe**

**Product Backlog and Sprint Planning**

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**TIMELINE**

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| --- | --- |
| **Date** | **Deliverables/Meetings** |
| **February 28, 2012** | Turn in product and sprint backlogs (prior to the iteration) |
| **March 21, 2012** | Sprint review meetings/demos |
| **March 22, 2012** | Sprint review meetings/demos |
| **March 22, 2012** | Turn in product and sprint backlogs (after the iteration), review and retrospect meeting reports |

**BACKLOG**

**User Stories**

1. Set up a PhoneGap environment for the Android platform.  
2. Creation of a Heroku server:

1. Creation of a database
2. Set up a git repository

3. Set up a connection between the web server and phone.  
4. As a user, I want to create an account so that I am the only person authorized to use my account (privacy).   
5. As a user, I want to log into my account from my smartphone so that I can have access to FileSwipe features.  
7. As a user, I want to manage my files:

* + 1. Save files from account to phone so that I can access them from other devices using my account login information.
    2. Upload a file from phone to account so that I can store files so that they can be stored in the cloud.
    3. Delete files from my account whenever I do not need them anymore.
    4. View account files on my app.

8. As a user, I want to share files with other users who also have FileSwipe.  
9. As a sender, I want to share files by dragging and dropping them to a specific area of the screen.   
10. As a sender, I want to select who to share a file with.  
11. As a user, I want to add or delete someone to or from my contact list   
12. As a receiver, I want to receive push notifications when someone wants to share a file with me.   
13. As a receiver, I want to accept or decline file sharing inquiries.   
14. As a user, I want to receive a confirmation of a successful/unsuccessful file transfer.

**TASKS (estimates and priorities)**

Tasks were defined in the attached Excel worksheet. Priorities were defined on a scale from 1 to 10, 1 being lowest priority and 10 being highest priority. For this sprint, each member will spend a total of 30 hours approximately. We estimated efforts using the number of hours each team member will spend on the completion of each specific task.

**SCRUM MODIFICATIONS**

Agile software development methodologies are tailored for enterprise-scale software projects with dedicated teams working on the project full-time. Our team members, however, are concurrently enrolled in numerous other courses and have a number of other commitments. The Scrum modifications that are included below are meant to enable Scrum to be most effective for our team and our particular software project.

We will hold scrum meetings three times per week (one of the three being a status email) because:

* + It is difficult to meet every day for meeting
  + Progress made each day would not justify nor warrant meeting each day
  + Electronic status email will accomplish same goal as stand-up meetings but will enable remote work

**MEETING SCHEDULE**

|  |  |
| --- | --- |
| **Meeting** | **Date** |
| **Sprint Planning** | February 23, 2012 (Thursday, lab time - 8am) |
| **Scrum Stand-ups** | Every Tuesday and Thursday (lab) with status email on Saturdays |
| **Sprint Retrospective** | March 20, 2012 (lab) - how things were done |
| **Sprint Review** | March 22, 2012 (lab) - what was done / demo |

**ASSIGNMENTS AND RESPONSIBILITIES**

|  |  |  |
| --- | --- | --- |
|  | **Assigned To:** | **Comments** |
| Scrum Master | Irma Lam | We will switch roles on the next sprint |
| Product Owner | John Brock |  |
| Team Member(s) | Clarissa Soon and Ryan Oji |  |
| Configuration Management (version control) | John Brock | Git (Heroku) |
| Quality Engineer (testing) | Clarissa Soon | Ruby on Rails, HTML5, Javascript testing environment |
| PhoneGap Specialist | Irma Lam | Android platform |
| Sencha Specialist | Ryan Oji | UI framework for touchscreen devices |
| Heroku Engine Specialist | Irma Lam | Will work with John |
| Amazon Simple Storage Service (Amazon S3) | John Brock | Server to store files |

**COMMUNICATION METHOD**

Our team will communicate through Google groups and text messages or phone calls if required.