Activitize

Sprint 3 Planning Document

Team 2:

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**Sprint Overview:** This sprint will focus on improving upon the stories implemented in sprint two as well as implementing the remaining user stories. Additionally, this sprint will consist of a lot of testing to ensure that the system is production-ready. Finally, this sprint will hopefully see an improvement in communication among team members during this critical, last stage in development.

**Scrum Master:** Michael Golden

**Meeting Schedule**: Tue/Thur 3-4:00

**Risks/Challenges:** This last sprint will be challenging in that we need to make sure we manage to get all the rest of the user stories done, which is far greater than our other two sprints. This last sprint involves some very difficult work and getting it done and testing it to ensure that it performs up to our standard. Finally, it will be difficult as several aspects of this sprint still involve learning for many of the members of the team.

User Story 1: As a user, I would like to create sub-events, i.e. events that are created for people attending the main event.

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| # | Task Description | Estimated Time | Owner |
| 1. | Create front-end screen for creating sub-events | 2 hours | Tori |
| 2. | Create front-end logic and error-handling | 3 hours | Tori |
| 3. | Implement back-end handling of sub-event creation | 5 hours | Tyler |

Acceptance Criteria:

* Friendly, easy-to-use, fast, and bug-free front-end presentation of subevent creation
* Subevent creation works on the backend in a bug-free and fast way

User Story 2: As a user, I would like to be able to mute notifications from events I am not interested in.

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| # | Task Description | Estimated Time | Owner |
| 1. | Add a button to the event view that mutes notifications | 2 hours | Rich |
| 2. | Add logic to disable future notifcations for this event | 4 hours | Michael |
| 3. | Allow the user to turn notifications on again | 2 hours | Michael |

Acceptance Criteria:

* By tapping the notification button, the user should no longer receive notifications for that event
* By tapping the button again, the user should begin to receive notifciations again

User Story 3: As a user, I would like to have profile that can be viewed by others.

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| # | Task Description | Estimated Time | Owner |
| 1. | Create a profile view | 5 hours | Rich |
| 2. | When a user taps on another user, their profile view should load | 5 hours | Michael |

Acceptance Criteria:

* The user should have a profile page which is publicly viewable
* When one user taps on the name of another, they should be able to view their profile

User Story 4: As a user, I would like to add friends.

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| # | Task Description | Estimated Time | Owner |
| 1. | Add backend functionality for adding a friend to a user’s friends | 4 hours | Michael |
| 2. | Allow the user to add new friends on the frontend | 4 hours | Tori |

Acceptance Criteria:

* The user will add new friends by username. See acceptance criteria for user story 5.

User Story 5: As a user, I would like to search for new friends.

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| # | Task Description | Estimated Time | Owner |
| 1. | Add a button that links to a friends search view | 2 hours | Rich |
| 2. | Add a view that allows the user to search for friends, searching by username | 2 hours | Tori |
| 3. | Fetch possible friends from the backend, given the provided username and display the result | 5 hours | Tori |
| 4. | Allow searching for friends on the backend | 5 hours | Michael |
| 5. | By selecting one of the results, the user should be able to add that friend to their list of friends | 2 hours | Tori |

Acceptance Criteria:

* The user should be able to access a view that allows them to search for friends
* After entering a username, results should populate, with the option to add the friend to the friend list
* By selecting a result, that friend should be added to the user’s friends

User Story 6: As a user, I would like to extend invites to friends for existing events.

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| # | Task Description | Estimated Time | Owner |
| 1. | Allow the user to be able to add friends to their event on frontend | 5 hours | Rich |
| 2. | Accommodate adding new friends to an event on the backend | 5 hours | Rich |

Acceptance Criteria:

* The user should be able to add friends to their event

User Story 7: As a user, I would like not to be required to change my password often.

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| # | Task Description | Estimated Time | Owner |
| 1. | Only require a user to change their password if they have forgotten it | 5 hours | Rich |
| 2. | Implement a forgotten password flow on the frontend | 5 hours | Rich |

Acceptance Criteria:

* When a user taps “forgot password” or a similar button, require them to change their password after verifying their identity

User Story 8: As a developer, I would like there to be minimal time to load information on events and events of friends for the user.

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| # | Task Description | Estimated Time | Owner |
| 1. | Efficiently fetch information from the backend | 5 hours | Michael |

Acceptance Criteria:

* Displaying event information should only take a few seconds

User Story 9: As a user, I would like to not have ads.

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| # | Task Description | Estimated Time | Owner |
| 1. | Do not implement adds | 0 hours | Richard, Michael, Tyler, Tori |

Acceptance Criteria:

* No ads should appear.

User Story 10: As a user, I would like to know that all of my information is secure.

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| # | Task Description | Estimated Time | Owner |
| 2. | Only keep information necessary for app function in the app | 4 hours | Tori |

Acceptance Criteria:

* Minimize storing user information in app to only what is needed to load the view

User Story 11: As a user, I would like to be able to comment on events that I have created or am invited to.

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| # | Task Description | Estimated Time | Owner |
| 1. | Add comments to event view on the frontend | 5 hours | Tori |
| 2. | Allow creation of comments on the frontend | 5 hours | Tori |
| 3. | Allow creation of comments on the backend | 5 hours | Michael |

Acceptance Criteria:

* When looking at an event, the user should be able to add comments

User Story 14: As a developer, I should expect Activitize to be scalable to be user demand

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| # | Task Description | Estimated Time | Owner |
| 1. | Optimize configuration and code to be as scalable as possible | 5 | Tyler |

Acceptance Criteria:

* Torture testing of system meets standards

User Story 15: As a developer, I should make Activitize meet standard security practices

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| # | Task Description | Estimated Time | Owner |
| 1. | Ensure handling of all sensitive information is done properly | 5 | Tyler |

User Story 16: As a developer, I should be able to have negligible downtime while allowing for continuous development

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| # | Task Description | Estimated Time | Owner |
| 1. | Create development environment that utilizes appropriate technologies to allow this | 5 | Tyler |

User Story 17: As a user, I expect Activitize to be able to be high performing while maintaining proper security practices

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| # | Task Description | Estimated Time | Owner |
| 1. | Write efficient and bug-free code while applying industry standard security procedures | 5 | Tyler |

Acceptance Criteria:

* Activitize runs in acceptable time frames
* Activitize cannot be breached from penetration testing and other security testing procedures

User Story 18: As a developer, I Should document and provide API for other services to be able to hook into

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| # | Task Description | Estimated Time | Owner |
| 1. | Keep backend as modular as possible and comment it heavily and provide Javadocs where appropriate | 10 | Tyler |

Acceptance Criteria:

* Backend is nicely commented in order to allow other developers to understand it and is able to be modular in all respects