Activitize

Sprint 1 Planning Document

Team 2:

Michael Golden, Richard Gorbett,

Tyler Preston, Tori Shurman

**Sprint Overview:** For the first sprint we will be working on the user information and UI design. By the end of the sprint users will be able to create an account. He or she will be able to modify account information and link their account to Facebook. Users will be able to change their passwords. Users will also have access to the “feed” of events created by friends. Users will be able to create their own events and populate it with event information.

**Scrum Master:** Tyler Preston

**Meeting Schedule**: Tue/Thur 3-4:15

**Risks/Challenges:** Some team members are not familiar various frameworks, languages, or technologies that we will be utilizing, such as MySQL, JavaScript, and React Native. The bulk of this spring will be revolving around laying the groundwork for future development as well as catching up and teaching those who are not familiar with various technologies said technologies. Another difficulty that we will face will be initially working out our team dynamic and working together, as not every team member has worked in a team before, and none of us have worked together in any capacity before. Overall, the first sprint will be more about figuring out the ropes than anything.

User Story 1: As a user, I would like to create an account.

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| --- | --- | --- | --- |
| # | Task Description | Estimated Time | Owner |
| 1 | Create Sign up page for the front end | 3 hours | Tori |
| 2 | Implement handling a new user in the back end | 3 hours | Tyler |
| 3 | In the create account form add the ability to link a facebook(the rest of facebook functionality is explained later) | 2 hours | Michael |
| 4 | Set up the ability to send an email saying they have created an account | 3 hour | Michael, Tori |
| 5 | Set-up development environment and consistent ecosystem | 25 hours (5-6 hours per team member) | Michael, Tyler, Tori, Richard |
| 6 | Research React Native | 25 hours (5-6 hours per team member) | Michael, Tyler, Tori, Richard |

Acceptance Criteria:

* The user when opening the app and choosing to create an account should open a form on the app to create a new account
* The server should process this request and save the necessary user information in the database.
* The user on completion of creating the app should receive an email stating that they have successfully created a new account

The front end for this is mostly creating a form that allows you to enter your information. While the backend mostly deals with saving this information into the database as a new user and sending the email.

User Story 2: As a user, I would like to modify my profile.

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| --- | --- | --- | --- |
| # | Task Description | Estimated Time | Owner |
| 1. | Create a profile view on the front-end | 3 hours | Tori |
| 2. | Enable ability to store and modify user info on the back-end | 3 hours | Tyler |
| 3. | Enable the profile view to enter an “edit” mode | 3 hours | Tori |
| 4. | Create a front-end view for editing user information | 3 hours | Michael |
| 5. | Update and store new user information on the back-end | 3 hours | Tyler |

Acceptance Criteria:

* The user should be able to tap on his or her profile picture to view his or her profile.
* By tapping edit, the user should be able to change editable information such as their email or password.

After saving their changes, the profile changes should appear immediately in the profile view.

User Story 3: As a user, I would like to be able to create a new event.

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| --- | --- | --- | --- |
| # | Task Description | Estimated Time | Owner |
| 1. | Implement a view for creating an event front-end | 3 hour | Richard |
| 2. | Implement event storage back-end | 3 hours | Tyler |
| 3. | Implement ability to link events to an event creator | 3 hours | Richard |
| 4. | Implement ability to timestamp an event | 3 hours | Richard |

Acceptance Criteria:

* Users should be able to open a new view in order to create a new event. This event will belong to the events they have created.

When the user creates the event, it should appear in his or her event feed, and there should be options such as date, time, name, and location at event creation.

User Story 4: As a user, I would like to see the events my friends are involved in.

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| # | Task Description | Estimated Time | Owner |
| 1. | Implement an events feed front-end | 3 hour | Michael |
| 2. | Implement event feed back-end | 3 hours | Tyler |
| 3. | Implement ability to view a single event front-end | 3 hours | Michael |
| 4. | Implement ability to view a single event back-end | 3 hours | Tyler |

Acceptance Criteria:

* When opening up the application and logging in users should see the events feed
* When clicking on an event in the feed users should be able to access the event in a single event view

Mostly dealing with UI and pulling event information from the back-end to supply text fields with information. Single event view should be able to be viewed for each event.

User Story 5: As a developer, I would like users to be able to change their password.

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| --- | --- | --- | --- |
| # | Task Description | Estimated Time | Owner |
| 1 | Under the profile create a link to a form | 3 hours | Tori |
| 2 | Create a form that allows a user to enter their old password and then their new password | 3 hours | Michael |
| 3 | In the backend check their old password and then update their new password | 3 hours | Tyler |
| 4 | Ensure that the when updating the password it is handled securely | 4 hours | Richard |

Acceptance Criteria:

* The front end has a space for users to enter the old password and the new password
* The back end updates the user’s password as the new password
* Ensure that the user entered their old password correctly, display a helpful error on the front end

User Story 6: As a user, I would like to be able to connect my Facebook account to the app, so I can easily find friends.

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| --- | --- | --- | --- |
| # | Task Description | Estimated Time | Owner |
| 1. | Implement normal custom login front-end | 2 hour | Tori |
| 2. | Implement normal custom login back-end | 3 hours | Tyler |
| 3. | Implement sign-up front-end | 3 hours | Tori |
| 4. | Implement sign-up back-end | 3 hours | Tyler |
| 5. | Implement option to link Facebook account front-end and back-end | 2 hour | Richard |
| 6. | Implement collecting information/friend data from linked Facebook account | 4 hours | Richard |

Acceptance Criteria:

* When a first-time user opens the application, they will have a fully functional GUI presented to them that contains the login and sign-up UI.
* When a user attempts to link their Facebook account with their account, they will be able to successfully do so, and they will be notified of success
* When a user attempts to sign-in in the future with an account associated with a Facebook account, they will be able to choose to login with Facebook or their normal account credentials, or will automatically be logged in with their Facebook account if a user’s Facebook credentials are available on their device at the time

All of the sign-up and linking that requires data to be stored should be reflected immediately in the database, including data pulled from Facebook

Remaining Product Backlog:

Functional

1. As a user, I would like to be able to create groups of people that I can participate in events with.
2. As a user, I would like to create sub-events, i.e. events that are created for people attending the main event.
3. As a user, I would like to be able to remove people from events I have created.
4. As a user, I would like to be able to mute notifications from events I am not interested in.
5. As a user, I would like to have profile that can be viewed by others.
6. As a user, I would like to rsvp to events I am invited to.
7. As a user, I would like to modify events I have created.
8. As a user, I would like to add friends.
9. As a user, I would like to search for new friends.
10. As a user, I would like to extend invites to friends for existing events.
11. As a developer, I would like the user to be able to review the app, providing questions, comments, and concerns.
12. As a user, I would like not to be required to change my password often.
13. As a developer, I would like to allow users only 3 failed login attempts.
14. As a developer, I would like there to be minimal time to load information on events and events of friends for the user.
15. As a user, I would like to not have ads.
16. As a user, I would like to know that all of my information is secure.
17. As a user, I would like to be able to comment on events that I have created or am invited to.
18. As a user, I would like to favorite events I have created or am invited to.

Non-Functional

1. Should be able to use this application on an Android device
2. Should be able to integrate with Facebook
3. Should be able to have alternate login method aside from Facebook
4. Should be able to utilize Google services in some-form
5. Should use some sort of near-real-time or real-time solution for updates
6. Should be scalable to be user demand
7. Should meet standard security practices
8. Should have an interface that is simple enough so that the average user would be able to use the application without struggling
9. Should be able to have negligible downtime while allowing for continuous development
10. Should be able to be high performing while maintaining proper security practices
11. Should have the ability to receive feedback in some form
12. Should document and provide API for other services to be able to hook into
13. Should design database schema independent of application so that it follows proper database schema design and can be ported for other uses
14. Should incorporate a three-tier architecture
15. Should separate business logic from client logic