**Activitize: Activities Planning App**

**Product Backlog**

**Team 2**

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**Problem Statement:**

Currently, there is no one single application to use for planning group events. You can use a combination of messaging, Facebook, and GroupMe, but nothing that combines the strengths of these three applications. An application that would allow you to easily plan group events, including features like commenting on the event, or polling for event options, is especially important now in a world that connects almost exclusively online. We intend to create such an application in order to simplify group event planning.

**Background:**

Activitize is a social media platform based on events and activities. The basis for our application is that users, mostly likely college students and young adults, will be able to easily find friends to participate in events together and create new events or activities.There are applications that have features we are interested in yet nothing that contains all of the features we will be working on. Facebook, GroupMe and doodle all deal with events and have RSVP features like our application will. Facebook and groupMe lack the poll aspect of events. Doodle and groupMe do not capture the social media aspect of events. Activitize will be a social media application that revolves around events that will integrate features from Facebook, groupMe and doodle.

**Requirements:**

Functional

1. As a user, I would like to create an account.
2. As a user, I would like to be able to create groups of people that I can participate in events with.
3. As a user, I would like to create sub-events, i.e. events that are created for people attending the main event.
4. As a user, I would like to be able to remove people from events I have created.
5. As a user, I would like to be able to mute notifications from events I am not interested in.
6. As a user, I would like to have profile that can be viewed by others.
7. As a user, I would like to modify my profile.
8. As a user, I would like to be able to create a new event.
9. As a user, I would like to rsvp to events I am invited to.
10. As a user, I would like to modify events I have created.
11. As a user, I would like to add friends.
12. As a user, I would like to search for new friends.
13. As a user, I would like to extend invites to friends for existing events.
14. As a developer, I would like the user to be able to review the app, providing questions, comments, and concerns.
15. As a developer, I would like users to be able to change their password.
16. As a user, I would like not to be required to change my password often.
17. As a developer, I would like to allow users only 3 failed login attempts.
18. As a user, I would like to see the events my friends are involved in.
19. As a developer, I would like there to be minimal time to load information on events and events of friends for the user.
20. As a user, I would like to not have ads.
21. As a user, I would like to know that all of my information is secure.
22. As a user, I would like to be able to connect my facebook account to the app, so I can easily find friends.
23. As a user, I would like to be able to comment on events that I have created or am invited to.
24. 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