

Product Backlog

Problem statement

Many people miss out on great events happening around them because events are posted across multiple platforms and are hard or time consuming to find. Keeping track of all that's going on within campus and outside can be challenging, time-consuming, and frustrating. Most clubs and events' hosts publish their information on various social media and websites, our aim is to solve this issue by bringing the events and clubs to the people!

Background Information

Events & clubs are trying to reach the biggest number of people, many solutions are available for communication and advertising and most of them are being used interchangeably. In other words, events & clubs social work is repeated and split across many platforms to achieve a decent amount of people. These platforms are not perfect, as they are not focused and targeted. Facebook, AirBNB, BoilerLink are similar to our application, but all of them limited as they are focused on broader marketing & global coverage instead of targeted & focused on communities and in the case of BoilerLink it's focused on Purdue University & lacks any type of independent hosting direct messaging, direct club/event registration. Moreover, Facebook & AirBNB are profit centric and focus more on business and corporations. All of these platforms also lack AI targeted events & club recommendations utilizing previous community members experiences.

Our application connects clubs, hosts and participants in any community. It's the go to app for social events & clubs in your community. it's stream-lined & focused and offers independent hosting, direct communication and registration in clubs and events, AI recommendations in one user-centric application.

Product Backlog

Non-functional

Note: We have separated the items into students and hosts.

User	Category	Backlog Item	Estimate
General		As a user, I can choose to sign up as a host or as a student	
Student	Sign-up	As a student, I would like to sign up with my email	

User	Category	Backlog Item	Estimate
		As a student, I would like to sign up with my Google account (If time allows)	
		As a student, I would like to sign with my Facebook account (If time allows)	
		As a student, I want my personal information to be security stored in the database and accessed through me login information only (email and password)	
		As a student, I want to provide my personal details when I sign up (Gender, age, location, name)	
		As a student, I want to choose from a menu the types of events I am interested in	
	<i>U/I Experience</i>	As a student, I want to have a swipe page where I swipe left on events I am not interested and right on events I am interested in	
		As a student, I want to see a photo, name, timing, location, and type of event in the swipe page	
		As a student, I want to have a search tab where I can search for events using different methods (Search by general search, event/host name, hashtags)	
		As a student, I want to have a navigation bar where I can move between tabs	
		As a student, I want to see the events I swiped right on	
		As a student, I want to click on an event to view more information on the events (Description, timings, locations, number of attendees, updates posted by hosts)	
		As a student, I want to chat to the event hosts through a chat button available on the event page	
		As a student, I want to RSVP to an event through a button available on the event page	
		As a student, I want to add the event to my calendar through a button available on the event page	
		As a student, I want to receive notification on events that I might be interested in from the recommendation algorithm	

User	Category	Backlog Item	Estimate
		As a student, I want to receive notifications on hosts/organization/clubs that I might be interested in from the recommendation algorithm (If time allows)	
		As a student, I want to receive notifications on events that are coming up from the ones I am interested in	
		As a student, I want to receive notifications on events that are coming up from the ones I RSVP'd to	
		As a student, I want to receive notifications on updates to events I RSVP'd	
		As a student, I want to view a host's page through a button available on one of their hosted events page or by searching for them	
		As a student, I want to be able to chat with a host through their host page	
		As a student, I want to be able to chat with a host through the event page button	
		As a student, I want to be able to follow a hosts page	
		As a student, I want to be able to receive notifications from hosts that I followed about new events that they have	
		As a student, I want to see more relevant events on my swiping page as the algorithm learns my preferences	
		As a student, I want to filter events when swiping. Filter options are location, event types, age limits.	
		As a student, I want to have a settings page where I can change personal information and preferences (when swiping through events).	
		As a student, I want to get notification on canceled events that I RSVP'd to	
		As a student, I want to see the trending events/searches inside the search section	
		As a student, I want to get notifications when I receive messages	
		As a student, I want to scroll through the hosts that I followed	

User	Category	Backlog Item	Estimate
		As a student, I want to view events that I RSVP'd in the past	
		As a student, I want to rate an event after I have attended it (If time allows)	
Host	<i>Sign-up</i>	As a host, I would like to sign up as a host and provide information about my organization or club	
		As a host, I want my profile to be verified and have it shown on my page (Like verified Twitter tick, for example) (If time allows)	
	<i>U/I Experience</i>	As a host, I want to see my profile page where I can update and change information about my organization	
		As a host, I want to be able to post events publicly and write all the relevant information (Name, location, description, photo, timing, event type)	
		As a host, I want to change the information of previously posted events	
		As a host, I want to push updates to events that are previously events	
		As a host, I want to message attendees or message general messages (Separate into general and event-specific messages)	
		As a host, I want to cancel an event that was previously posted	
		As a host, I want to see basic statistics about my events (Attendees per event, views on the events page, views on the host's page, follows, ratings)	
		As a host, I want to limit the number of attendees	

Non-functional

We would like to support 1000 concurrent users initially
We want to provide 15 new event every time the user logs on or runs out of recommended events (Through recommendation algorithm)
We want to provide recommended events within 500ms
We want to the user to send and receive all the information during app startup (new messages, new recommended events, updates) within 2 seconds

We want our app to running on both Android and IOS (If time allows)