

Senior Capstone: CS132 Web Application - 11thHour

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Abstract

We worked with the company RetailMeNot to create a mobile-first web app to help users plan and find last minute events, activities or deals nearby. Our app displays events going on within the next 24 hours, and it is especially useful for people looking for cheaper things to do. Users can either create an event or search for events. For example, sharing rides to the grocery store, or finding someone else to go ice skating with you for a 2 for 1 deal. These kind of deals are not the kind that you'll find traditionally on livingsocial or retailmenot, but still capitalize on the same ideals of saving money.

Through our user-research, we found that a lot of people plan last minute activities through text or Facebook message. Those means are fine, but extremely limiting. Through our app, it makes it easier to meet and make friends around your community.

Users will see a newsfeed of events once they login. Users also have the option to filter based on what categories they're interested in (e.g. food, rideshare). If they are interested in a particular event, they can click on the event to see more basic details on who else is attending, where it will be held in addition to interacting with the host and other guests by commenting on the event.

Users can also create their own events. Event creation is very easy with wide buttons and alternating colors that makes it easier to distinguish from row to row.

In the future, we'd like to also include different types of media in our app (photos/videos) to give more credibility to the event. We'd also like to expand our mobile-first app into a full-fledged webapp.

The technologies used to power the backend server include Node.js and Express, with MongoDB serving as our database. Passport was used for authentication. Google Maps API was used for location services. On the frontend, we used AngularJS, Bootstrap, HTML, Javascript, and CSS.



the top nav bar will allow users to easily access the homepage, create new events, check out their notifications and also access their profile.

11th hour

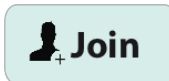
(RetailMeNot Group)



Ice Skating Weds 7-9PM

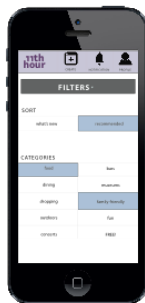
Description: Looking for 2 more people to come ice skating. Providence ice rink has a deal where... Read More...

Kidai Kwon



Rathanak Chhay, Molly Long, Amia Oberai are attending

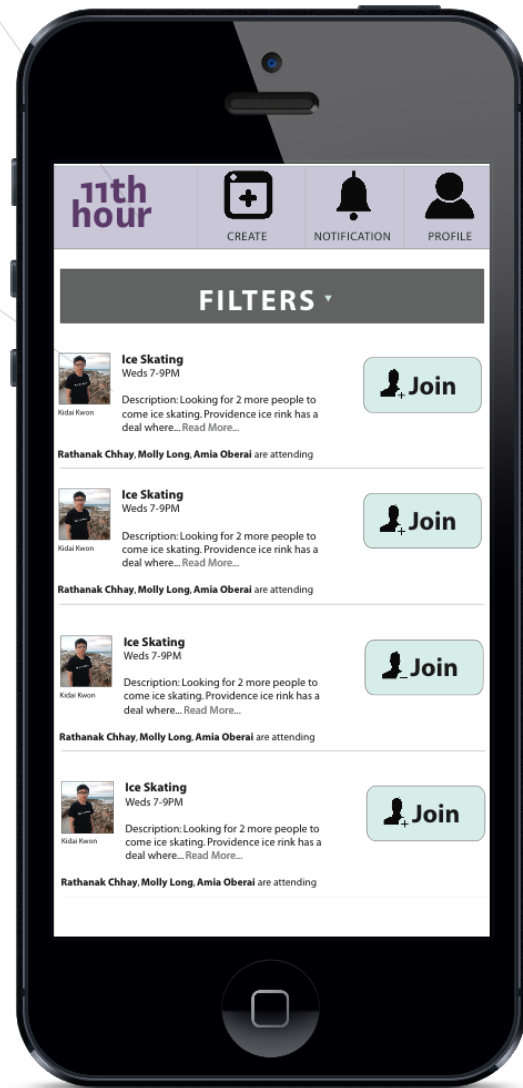
users will see a list of events in their newsfeed. We've organized the information in a clear & easy to understand hierarchical manner.



showcasing some of the other functionalities that users will be able to do from the home page: filtering for events and also creating events themselves.



exploring pre-existing events, users will be able to join the event, and then be able to interact with the attendees thru commenting.



the homepage landing screen users will be able to see all other events occurring within a 24-36 hr time span.