

htchr

Group Members:

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Note: Iterative designs / user studies can be found in the `/docs` folder **Note 2:** The iOS simulator for Mac has known issues with obeying `device-width` and similar `meta` tags, so the video does not 100% accurately reflect the visual performance.

Required Features

1. Javascript
 - public/javascripts/htchr.js for the frontend
 - app.js, routes/*, db/models.js for serverside
2. DOM Manipulation
 - Populating news feed
 - Viewing events
 - Autocomplete
 - htchr.js Lines 170-260
3. jQuery
4. jQuery Mobile
 - Front end minus landing page
5. AJAX : Consume API
 - Google Maps/Places for geolocation
 - Facebook - hook into user profile, find friends, etc.

- Twilio - send notifications about events
- 6. AJAX : Provide API
 - app.js has RESTful routes hidden behind facebook auth.
- 7. node.js
 - Used express throughout, taking advantage of things like express sessions, static directory mappings, and server-side view rendering
- 8. Server-side DB
 - MongoDB
 - Mongoose
 - db/; *querying in myUtil.js, routes/*
- 9. EJS templates
 - See views/*
 - ~ lines 30, 190, 230, 250
 - Also some client-side underscore templating going on
- 10. PhoneGap

General Description of Features

1. Event Feed
 - Provide a chronological overview of events as they are created/happening
 - Updated on the fly
2. View Event
 - Separate page exists for each event
 - Default image for the event is set to the Google Places image associated with the event's location
3. Facebook-Integrated
 - Login with Facebook (Passport)
 - Creates corresponding events on Facebook for each event made in

htchr

- Events viewable by default only to Facebook Friends

4. Event Search

- Attempt to find a similar event within the user's friendbase
- Attempts to find nearby events if an exact match isn't found.
- Uses event name by default, but optionally include time/date range(s)

5. Create Event

- Alternatively, create an event if one cannot be found
- Control privacy of your event and who to initially invite

6. Autocomplete

- Autocompletes places using Google Places API, biased by proximity of place to user's physical location
- Autocomplete friends names when inviting users to events

7. Notifications

- Allow users to give us their phone numbers and be notified of event invites and upcoming events

8. Event Recommendation

- Recommendation system attempts to pair up users and events
- Events are recommended to users in the event feed
- Upon event creation, htchr suggests friends to invite