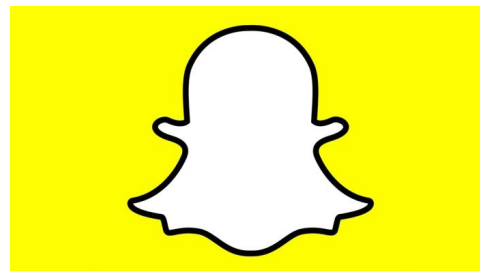




Cherish

By: Dominic, Ruby, Patrick





How can we **capture** these
personal experiences and
cool places and **share**
them in an **easy** way?



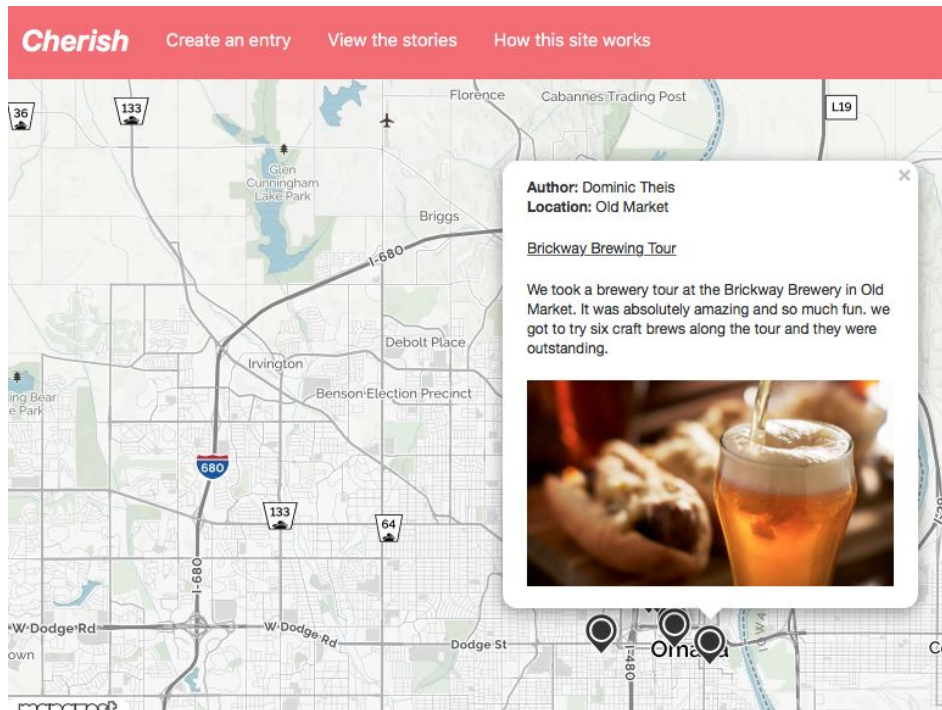
Goals

- Forge an online community
- Build a platform with the intention of sharing happy experiences and unconventional places
- Manageable
- Simple to use

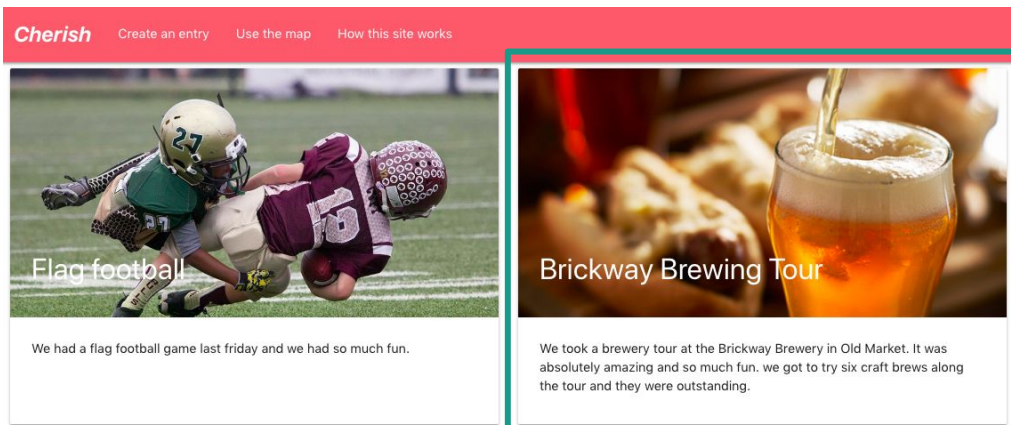
Cherish - a simple online platform which allows people to upload photos and share experiences in order to build a community in their area

Map

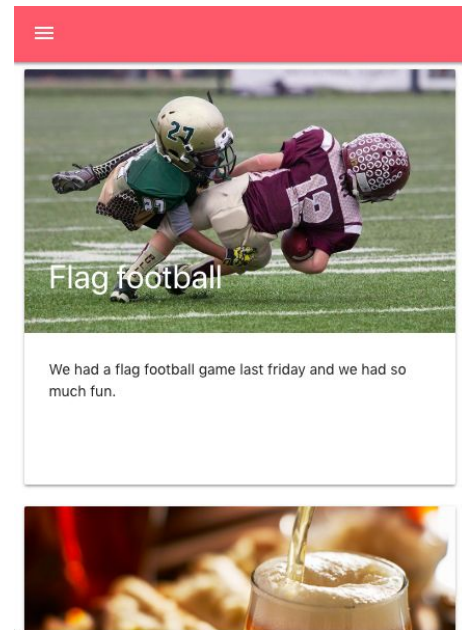
- Discover experiences nearby
- Visualizing user stories
 - MapQuest API
 - Leaflet (JS Library)
 - Markers
 - Popups
 - PHP/Ajax



Storyboard



Card





Storyboard continued

- Main page hosts the stories our users tell
- Responsive design allows for a smooth user experience
 - Materialize by Google
 - Stories == Cards
- Ordered by when they were submitted
- Allows us to be concise
 - Keep attention to the images



Database

- MySQL db
- Single table
 - ID : Primary key, auto-incremented
 - Author: String
 - Body: String
 - Location: String
 - Title: String
 - Photoname: String
 - Image: Blob
 - Longitude and Latitude: Doubles



Entry submission

- Simple form entry
- Uses image encoding
- Uses Mapquest API for addresses
 - Convert address to Longitude and Latitude
- Connected to MySQL DB to populate on submission



```
$image = addslashes($_FILES['image']['tmp_name']);  
$name = addslashes($_FILES['image']['name']);  
$image = file_get_contents($image);  
$image = base64_encode($image);
```



Demo

Future

- Browser geolocation
- User profiles
 - Personalization/recommendations
 - Scoring for profiles
- Upvoting for posts
- Searching for specific events
- Extending uploadable file types



Challenges

CHALLENGE ACCEPTED





References

- Saving images as blobs
 - <https://www.youtube.com/watch?v=4ZpgQ3j1o2w>
- Mapquest API
 - <https://developer.mapquest.com/documentation/>
- Leaflet
 - <https://leafletjs.com/reference-1.3.4.html>
- Getting data from DB with Ajax/JS/PHP
 - <https://www.youtube.com/watch?v=crtwSmleWMA>
- Materialize
 - <https://materializecss.com/>



Questions?