

# Team 26 Gibberfish - Milestone 5 Document

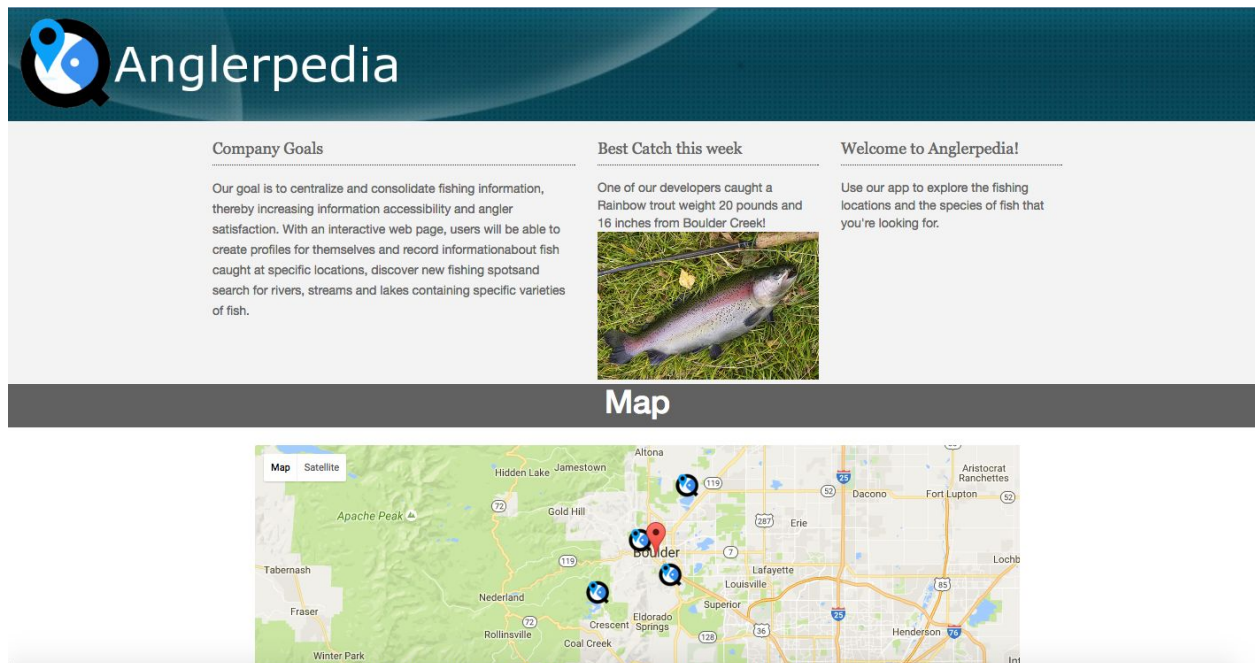
## Stand-Up Summary

Video: <https://www.youtube.com/watch?v=fLF7kn3AkGs>

At our weekly stand-up meeting, we reported back with uniform success for our final project sprint. Adrian built the website on Heroku, and will be working on the header, reducing the site to one easy-to-use page, and filling in the test info-blocks and pictures. Eric has been populating the database, and will finish that over the next week. The only obstacle is the amount of data being manually added, and that has been taken care of via careful pacing of work hours. Maria and Josh were waiting on the new site version and database to begin their work on SQL integration with the Google Maps API. They will work on that for the remainder of this week and into Thanksgiving break, anticipating no further obstacles to their development. Matt worked on the infographic information as well as our presentation slides. He will move forward by helping with the web development. Nelson has nearly completed the Google Maps integration with the website, and is now waiting on the database and website for the last stages where the info boxes are added. He will get started on the search functionality in the meantime.

## Demo to Client

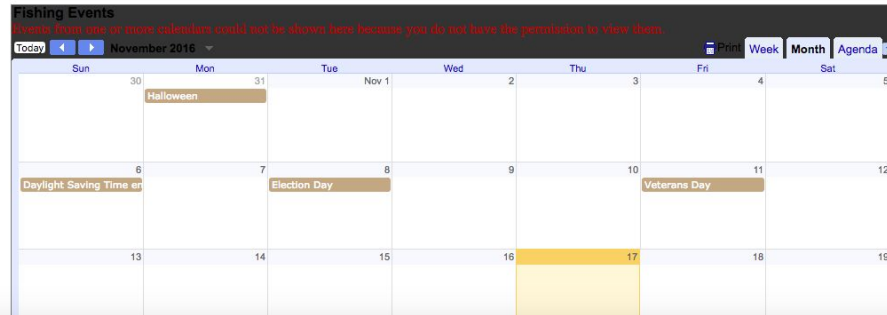
Video: <https://www.youtube.com/watch?v=9zrbqCzrSwU>



## News

For the first time, Smithsonian researchers and collaborators have designed a marine reserve network to protect species threatened by overfishing while boosting fishing yields on nearby fishing grounds, resolving a long-standing global "conserve or catch" conflict in marine conservation efforts. A team led by scientists from the Smithsonian's Marine Conservation Program report in the journal *Conservation Letters* Nov. 17 that they have designed a model network of marine reserves off the Caribbean coast of Honduras, which can support the long-term preservation of spiny lobsters within the country's waters while also increasing fishing yields of the species in fishing areas outside the reserves' borders. "Placing marine reserves across existing fishing grounds can often be very contentious," said Stephen Box, senior author on the study and lead marine biologist of the Marine Conservation Program at the Smithsonian Marine Station in Fort Pierce, Fla., a marine biodiversity and ecosystem research center of the Smithsonian's National Museum of Natural History. "Fishers may oppose plans they see as taking away a large proportion of their fishing area, which could threaten their income without clear benefits being apparent. Our design approach resolves this point of tension showing that it is possible to design reserve networks that provide measurable benefits to fishers, improving catches while sustaining the target population. This really is important as it can help align fisheries stakeholders and conservation practitioners behind a joint plan, removing a key obstacle to reaching sustainable conservation successes with economically important marine species."

## Seasonal Calendar



## Retrospective Summary

Video: <https://www.youtube.com/watch?v=-n66WONcoPk>

### What went well:

- Communication for getting help
- Meet twice a week, once for meeting and one for work
- Got stuff done on the Thursday meeting
- Distributed workload across members more evenly
- Pseudo teams, 2 people on each topic

### What went wrong:

- Moving website to heroku took a lot of time (relearning html/css)
- Tuesday morning meetings were limited by classes, little flexibility
- Unforeseen life problems (sickness, performances, other commitments, passing out)
- Work has been delayed, timeline disrupted
- Harder to work on own

### What can we do better?

- Video conferencing instead of physical meetings
- Communication, quality comments on progress, assistance, obstacles
- Pair programming