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JustGoBoulder

Project Requirements

I. **Interface Requirements**

I-1 The website will have a navigation menu present on all pages, allowing navigation to and from any public page.

I-2 Admin Login Page

I-2.1 There will be a login page with textbox prompts for ID and Password, along with a submit button.

I-2.2 If provided an Email and Password combination present in the Admin credentials table, the Admin will be logged in, allowing advanced functionality.

I-2.3 If provided an Email and Password combination not present in the Admin credentials table, will not log in and will display an alert announcing login failure.

I-3 The main page will contain a slideshow of images of the various attractions. Clicking on an image will link to the Individual Attraction Page associated with the image.

I-4 Individual Attractions Pages

I-4.1 Individual attraction pages will display a summary of the attraction, picture of the attraction, address, and contact information.

I-4.1 Individual attraction pages will have the ability to comment on the attractions and will display previous comments.

1-4.2 Individual attraction pages will link to Google Maps with the attraction address.

1-5 Mailing List

I-5.1 The main page will have a section and textbox with a prompt for an email address, allowing subscription to the mailing list.

I-5.2 When provided an accurate email address, the email address will be added to the database and an alert will be displayed announcing successful subscription.

I-5.3 When provided with an invalid email address, an alert will be displayed announcing subscription failure.

I-6 There will be a “Contact Us” page containing emails addresses and phone numbers for getting in contact with the admins.

D. Data Requirements

D-1 The database will contain a table “Admins” with the fields “ID” and “Password”.

D-2 The database will contain a table “MailingList” with the field “Email”.

D-3 Information such as address and summary for each attraction will be verified and modified if necessary to stay up to date on a monthly basis.

D-4 A picture showcasing each attraction will be collected and used for the site.

R. Regulatory/Compliance Requirements

R-1 Each image will be confirmed as available for non-commercial use and cited.

R-2 Individual Attraction Pages will contain links to the establishments webpage if it exists, or otherwise the source of information on the attraction.

R-3 Admins will be able to delete comments to remove spam and prevent abuse.

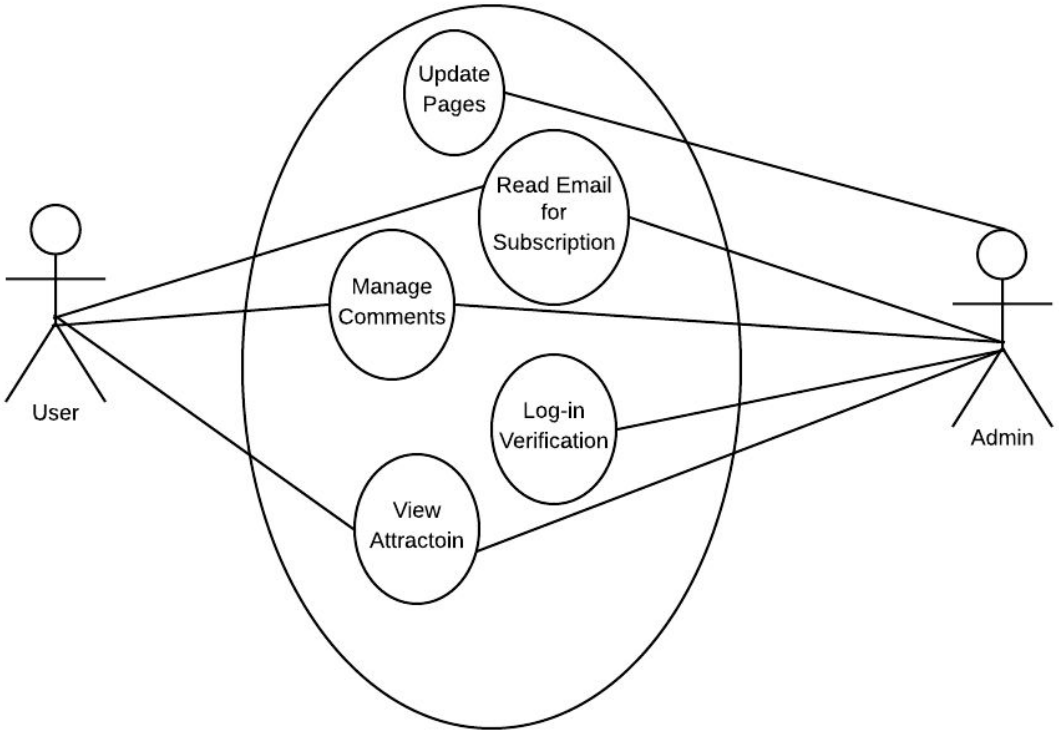
R-4 Only admins will be able to view and modify database information.

Use case Diagram:

Used Lucidchart to create the use case diagram. Followed the CRUD convention for the naming of each of the use cases. The use cases mentioned are the ones that prompt the system.

A user is able to view attractions, manage (Create) comments, and plug (Read)in their emails to subscribe.

An admin is able to do all of the use cases mentioned from Updating comments and attractions to Deleting abusive comments.



Project Plan:

-3 sprints in 3 weeks

Sprint 1: End Date: June 23rd

Objectives:

- Create Wireframe
- Setup the database

Yasmin:

1. Setup MySQL
2. Add data for login

Kyle G:

1. Create tables for login and attractions
2. Add data for attractions

Kyle W:

1. Research 8 attractions
    a. 2 food
    b. 2 outdoor
    c. 2 shopping
    d. 2 fun
2. Find 8 pictures, one for each attraction
3. Create citations

Ali:

1. Create wireframe for home and main menu
2. Create slideshow

Gouri:

1. Create wireframe for sub-menus
2. Create login check boxes

Sprint 2: End date: June 30th

Objectives:

- Link front end with the back end

Yasmin:

1. Use NodeJS to link database with website

Kyle G:

1. Store user's emails in database

Kyle W:

1. Fill in wireframe with text information and pictures

Ali:

1. Create comment box using Node.js

Gouri:

1. Create email subscription boxes
2. Write email for subscribers

Sprint 3: End Date: July 5th

Objectives:

- Troubleshooting

Yasmin:

1. Email bugs

Kyle G:

1. Communication errors between database and website

Kyle W:

1. Proofreading info and style issues

Ali:

1. Navigation and menu bugs

Gouri:

1. Test email feature

Project Management tool:

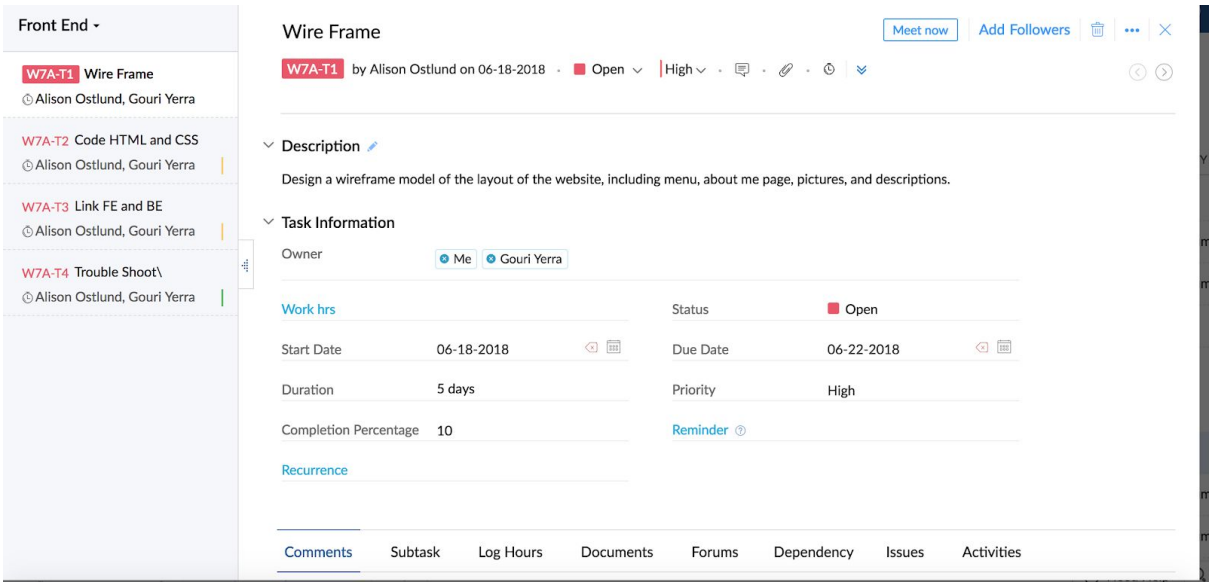
The team is using Zoho Projects and Sprints which are applications provided by Zoho.
We chose to use Zoho because it is a free application online that every member can easily access. Zoho allows each user to receive emails when they are assigned a new task or sprint, making it very easy to keep track of everyone's tasks at hand. This application offers a lot of different tools to keep the project and team organized and on track. The projects application shows the Front End Team and Back End Teams Tasks as well as the Projects tasks as a whole. Can see the tasks and their timelines and due dates easily using the calendar feature. Gives different details and features of the tasks such as who is assigned the task and the status of the task as well as priority of task. The tasks with upcoming due dates have higher priority. Similar to a GANTT chart, this application allows us to set due dates and timelines for each individual tasks. The application allows a calendar view which outlines each task and timeline of each task, laying out the entire project. When you click on the task on the calendar you can see the task details. This is a great tool because it makes it easy to see every group members tasks and keep organized throughout the course of this project.

Here are some screenshots from Zoho showing tasks for the front end and back end and also task details and the calendar showing timelines of each task.

Front End in FRONTEND on 5 Jul, 2018

W7A-T1 Wire Frame	Alison Ostlu	Open	06-18-201E	06-22-201E	5 days	High
W7A-T2 Code HTML and CSS	Alison Ostlu	Open	06-18-201E	06-27-201E	10 days	Medium
W7A-T3 Link FE and BE	Alison Ostlu	Open	06-26-201E	06-29-201E	4 days	Medium
W7A-T4 Trouble Shoot\	Alison Ostlu	Open	06-29-201E	07-05-201E	7 days	Low

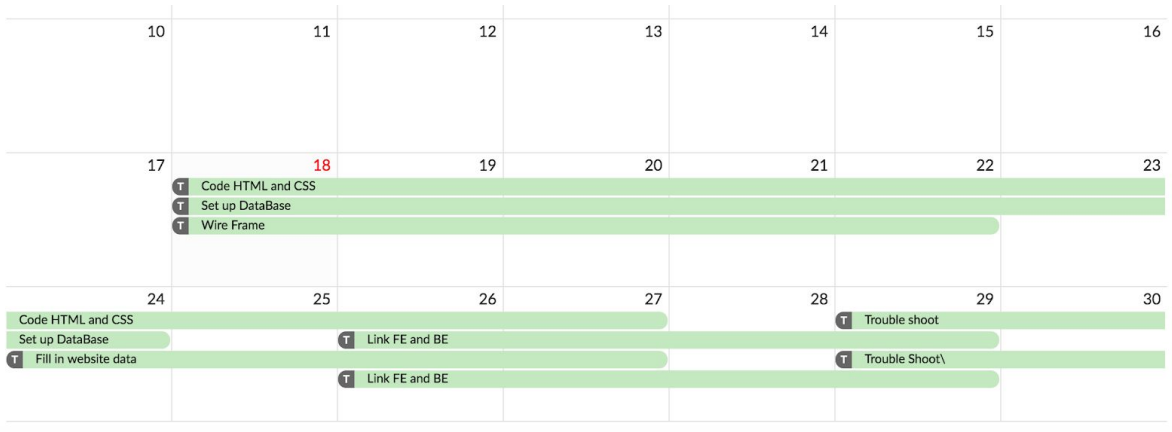
Add Task Reorder



Back End in BACKEND on 6 Jul, 2018

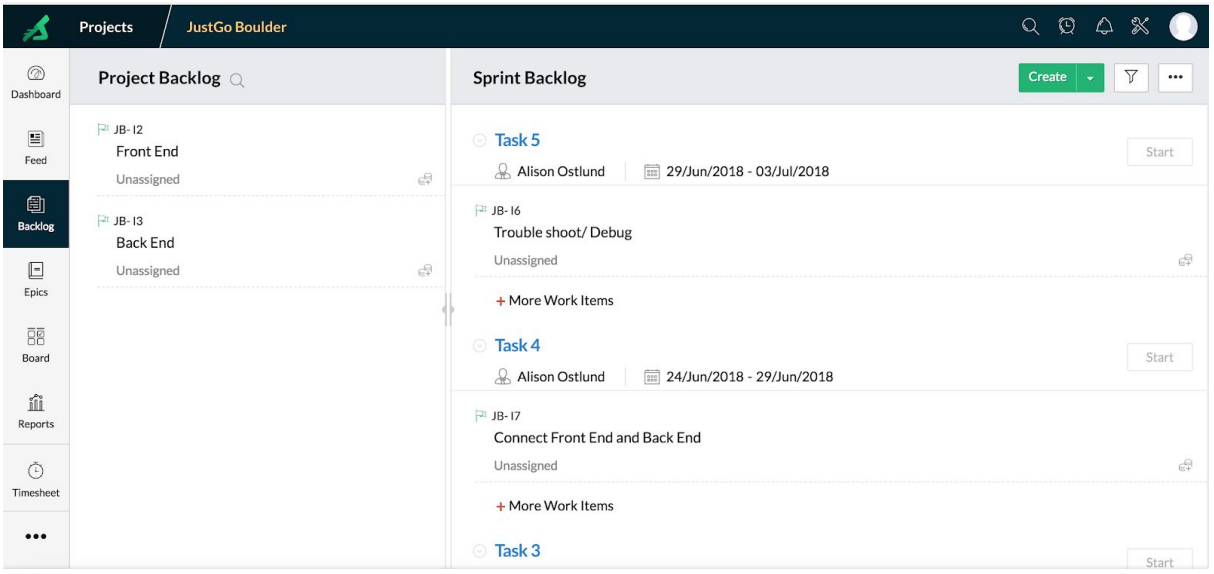
W7A-T5 Set up DataBase	Kyle Gronbe	Open	06-18-201E	06-24-201E	7 days	High
W7A-T6 Fill in website data	Yasmin Alsh	Open	06-24-201E	06-27-201E	4 days	Medium
W7A-T7 Link FE and BE	Kyle Gronbe	Open	06-26-201E	06-29-201E	4 days	Medium
W7A-T8 Trouble shoot	Kyle Gronbe	Open	06-29-201E	07-06-201E	8 days	Low

Add Task Reorder



3 week sprint:

Done with the Sprint application on Zoho - can create each sprint and assign the tasks for each person per sprint and tasks for the Backend and Frontend groups.Will show start date and due date and will track the progress in the time between the start date and end date. Each Task can be assigned to a member for them to complete by the end of the sprint.
We have three sprints throughout the 3 weeks left in the course.



5 minute agile standup meeting:

Yasmin

1. What have we completed since the last meeting:
    - Wrote user cases and organized a meeting
    - Created the project plan
2. We will have completed before the next meeting
    - Research SQL tools
3. Obstacles and roadblocks we currently face include
    - Communicating with team members to meet deadlines

Kyle G

1. What have we completed since the last meeting:
    - Documented project requirements and helped Yasmin with user stories
2. We will have completed *** before the next meeting
    - Research SQL tools
3. Obstacles and roadblocks we currently face include
    - Familiarity with SQL

Kyle W

1. What have we completed since the last meeting:
    - Documented the project plan
2. We will have completed *** before the next meeting
    - Research attractions of Boulder
3. Obstacles and roadblocks we currently face include
    - Citing and complying with regulations

Ali

1. What have we completed since the last meeting:
    - Started the project management tool and took screen shots
    - Researched wireframes and different attractions around boulder. Compiled design ideas and concepts for the web page layout and functionality.
2. We will have completed *** before the next meeting
    - Complete wireframe of webpage and design ideas.
    - Made sure the wireframe included the important layout and content, not style.
    - We have the information design (describing what's being presented), navigation design (describing links and nav menus), and interface design (drop down menus, buttons, form fields)
    - And started the coding in HTML and CSS of the actual webpage.
3. Obstacles and roadblocks we currently face include
    - Communicating with Gouri to come up with a unified look

Gouri

1. What have we completed since the last meeting:
    - Helped document use case stories and project requirements
    - Researched wireframes and different attractions around boulder. Compiled design ideas and concepts for the web page layout and functionality.

2. We will have completed *** before the next meeting
    - Complete wireframe of webpage and design ideas. Made sure the wireframe included the important layout and content, not style. We have the information design (describing what's being presented), navigation design (describing links and nav menus), and interface design (drop down menus, buttons, form fields) And started the coding in HTML and CSS of the actual webpage.
3. Obstacles and roadblocks we currently face include
    - Communicate with Ali to create a unified look of the website

User Stories

https://docs.google.com/spreadsheets/d/1yidfe4XHaE7BHgqoQsEsgIA3qHPKpfuDUyf7jMNXpY8/edit?usp=sharing