Individual Assignment Specifications

- Team: Memholes
- Iteration: Milestone 2

Special Roles

- Project Coordinator: Danny Chamberlin
- Quality Assurance Czar: Thomas Goodman
- Video Demo Creators:
  - Danny Chamberlin, 999
- Demo-Booth Operator: Andy Ta, Danny Chamberlin

Tasks:David Reddick

Task 1: Send Email to City of Memphis

- Description: When a pothole is marked verified send a scripted email with relevant information.
- How to Evaluate: Does an automated email get sent when requirements are met?
- Outcome of Task: Code for sending an email when a pothole is marked as verify exists but the Memphis firewalls prevent the emails from sending properly.
- Issue: #69
- Pull Request: #77

Task 2: Send Email to Submitter

- Description: When a pothole is marked as fixed, send a scripted email to pothole submitter.
- How to Evaluate: Does an automated email get sent when requirements are met?
- Outcome of Task: Code for sending an email when a pothole is marked as fixed exists but the Memphis firewalls prevent the emails from sending properly.
- Issue: #70
- Pull Request: #80

Task 3: Allow Admin to Delete Pothole

- Description: Only allow admin to delete an existing pothole.
- How to Evaluate: Able to delete a pothole from the website and have database updated but only if user is logged in as an admin.
- Outcome of Task: A user who is an admin is the only one who can see the option and select the option to delete a pothole.
- Issue: #81
- Pull Request: #82

Task 4: Mark Pothole as Verified if Admin

- Description: Only allow admin to mark a pothole as verified.
- How to Evaluate: Able to mark pothole as verified from website and have database updated but only if user is logged in as an admin.
- Outcome of Task: A user who is an admin is the only one who can see the option and change a pothole's verification state.
- Issue: #78
- Pull Request: #79

Tasks: "Ty" Thomas Goodman

Task 1: Theme selection

- Description: Allow users to choose between a light and dark theme, if logged in. A variable will be stored in the database to make the user's preference consistent
- How to Evaluate: User can select themes. Also, the theme setting must be persistent.
- Outcome of Task: A theme switching button appears in the navbar when users log in. Pressing it makes a persistent change (with a theme variable in the DB) to the light or dark theme, depending on their current theme. Pressing the button a second time will reverse the theme change. Users can do this as many times as desired.
- Issue: 53
- Pull Request: 68, 72

Task 2: Attach Picture

- Description: Users can upload pictures to their own pothole reports, so others can see what the pothole looks like. This will require integrating a file uploader, like CarrierWave. The filename will be stored in a field in the database.
- How to Evaluate: User can upload pictures on the editor for their pothole reports.
- Outcome of Task: Users can upload a photo for their own (and only their own) pothole reports. This can be done after the fact on the edit page for a pothole report, or upon creation of the pothole with the popup dialog on the map.
- Issue: 54
- Pull Request: 64

Task 3: Display Picture

- Description: All users can view pictures attached to pothole reports by clicking on the pins or visiting the view pages for the potholes. This will require modifications to the popup and view page code.
- How to Evaluate: If a picture (if attached) is displayed when users view pothole pins/reports.
- Outcome of Task: When users click on a pothole pin on the map, a picture of the pothole is displayed in the popup. If one is not present, a message signifying the lack of a picture is displayed instead. If the pothole pin is for one of the user's own reports, a longer version of the message that suggests going to the edit page and uploading a photo will be displayed. A picture (if attached) will also be displayed on the view page for a pothole report. The view page also has a message that is displayed if no picture is available.
- Issue: 55

- Pull Request: 65, 66, 67

Tasks:Andy Ta

Task 1: Custom pothole pin

- Description: Change the default look of the pothole pin.
- How to Evaluate: Pin should look different from the current blue pin.
- Outcome of Task: Verified potholes now have a custom red pin, unverified potholes have yellow pin and fixed potholes have green pin.
- Issues: #56
- Pull request: #60

Task 2: Option to see potholes submitted by all-user in user's homepage

- Description: Query data for all potholes and display it on the map.
- How to Evaluate: If the user is able to select the option to view all and the map display all potholes.
- Outcome of Task: User's page now have "All Verified" option to display all verified potholes from our database.
- Issues: #57
- Pull request: #61

Task 3: Add alert to the website

- Description: Add an alert to submit, edit, sign-up and sign-in function...
- How to Evaluate: Website should display an alert after user submit something.
- Outcome of Task: The website now display alert on sign-up, sign-in, submit, edit and rate a potholes...
- Issues: #58
- Pull request: #63

Task 4: Add validation for Rating, Name

- Description: Add validation to only accept rating from 1 to 3 and name of pothole have to be unique and can't be blank.
- How to Evaluate: Rating should only accept input 1,2,3 and name can't be blank and duplicated.
- Outcome of Task: User won't be able to input any rating other than 1,2,3 and wont be able to submit a pothole with duplicated or blank name.
- Issues: #75
- Pull request: #83

Tasks:Danny Chamberlin

Task 1: Style site with Tabbed navigation

- Description: Add tabbed-look navigation as in docs/Site Documents/UI-Sketch/Home_Logged_In.PNG
- How to Evaluate: Does each page have the same tabs at the top and is the current page the "active" tab?

- Outcome of Task: Switched to Navbar as tabbed was more processor expensive and did not look as good
- Issue: 47
- Pull Request: 52

Task 2: Get latitude/longitude from current location

- Description: When creating a new pothole, ask to use current location and then display current coordinates
- How to Evaluate: Does the current latitude and longitude display in pop-up?
- Outcome of Task: Not completed, unable to find usable API in timeframe given
- Issue: 48
- Pull Request: None

Task 3: Identify Duplicate Potholes

- Description: When creating a new pothole, database is checked to see if this pothole is reported based on Latitude and longitude
- How to Evaluate: Create a pothole where a pothole already exists and see if the application reports the new submission as duplicate
- Outcome of Task: If a pothole exists in the database with same latitude and longitude (rounded to nearest .00001), it will not allow it to be submitted
- Issue: 49
- Pull Request: 71

Task 4: Reorganize homepage to match layout in Home_Logged_In.PNG and Home_Not_Logged_In.PNG

- Description: Re-style the homepage to match the layout in the UI Sketches
- How to Evaluate: Does the homepage look similar to the Home_Logged_In.PNG and Home_Not_Logged_In.PNG sketches?
- Outcome of Task: Homepage re-organized as in image. Andy Ta tightened up the layout to look better and updated the map icons
- Issue: 50
- Pull Request: 51