1. As a restaurateur, I want to make sure rats are not found next to my restaurant, so that I can pass health inspections.
2. As an exterminator, I want to be able to find potential clients, so that I can exterminate rats.
3. As an old woman, I want to hunt gross rats, so that I can beat them with my handbag.
4. As a biologist, I want to track rat populations, so that I can model the changes in rat populations.
5. As a street sweeper, I want to know where the rats nest, so that I can clean up the trash they call home.
6. As a potential homeowner, I want to know the rat population density, so that I can make an informed decision on moving to the area.
7. As a health inspector, I want to know if rats are found in or near restaurants, so that I can make sure the restaurants are clean.
8. As the son of a famous chef, I want to find a feral cooking genius, so that I can get the chef boyardee stars on my restaurant.
9. As a pedestrian, I want to report when I see a rat, so that the city can get rid of it.
10. As a realtor, I want to make sure that my properties are rat free, so that my company has a good reputation.
11. As a person who is scared of rats, I want to know where the rats are, so that I can avoid rats.
12. As an administrator, I want to be able to manage the rat and user data, so that I can help users to have the best experience possible.

Title: As an exterminator, I want to be able to find potential clients, so that I can exterminate rats.

Tasks:
- Add a map that contains the location of reported rats.
- Add a feature to remove a certain area of rat reports.

Acceptance Scenarios:
- GIVEN an exterminator is viewing the map, WHEN the exterminator enters a report that rats have been cleaned out of an area, THEN the rat reports in the area will disappear.
- GIVEN an exterminator is viewing the map, WHEN the exterminator enters a report that a rat has been found, THEN a new rat report will be added to the map.

Title: As an administrator, I want to be able to manage the rat and user data, so that I can help users to have the best experience possible.

Tasks:

- Add hidden fields in the main view that allow admins to access admin tools
- Add an admin view that provides an interface to the rat data
- Add an admin view that allows for the editing of the rat reports
- Add an admin view that allows for the editing of user data and permissions
- Add admin data to the data model

Acceptance Scenarios:
- GIVEN an admin is viewing the welcome page, WHEN the admin wants to view admin tools, THEN there are easy to access admin tools displayed.
- GIVEN an admin is using the admin tool, WHEN the admin uses rat, user, and report editing fields, THEN the data stored changes according to the edits.
- GIVEN an admin is using the admin tool, WHEN the admin presses the back button, THEN the changes to the gui model is not reflected in the data stored.
- GIVEN an admin is using the admin tool, WHEN the admin tries to submit incorrect data to the stored data, THEN the admin is presented with an error dialog.

Title: As a biologist, I want to track rat populations, so that I can model the changes in rat populations.

Task:
- Add the ability to view reports
- Add the ability to export rat data
- Add the data which shows density over time

Acceptance:
- GIVEN the biologist is in looking at the report list, WHEN the biologist wants to look at when/where the reports happen, THEN the biologist should be able to see the data they want.
- GIVEN the biologist is viewing the the report list, WHEN the biologist wants to export rat data, THEN the data will be sent to the biologist in an appropriate format.
- GIVEN the biologist is viewing the map, WHEN the biologist wants to view rat populations at a certain time, THEN the biologist can select a time from which to view a map of the rat populations.

Title: As a potential homeowner, I want to know the rat population density, so that I can make an informed decision on moving to the area.

Tasks:
- Add a button that opens up a rat sightings statistics screen
- Add a sightings screen with statistics
- Add an enum of neighborhoods in the city

- Add an wheel populated with areas of the city for specialized statistics
- Be able to pull the above data from a database

Acceptance:
- GIVEN the potential homeowner is on the default screen, WHEN the pedestrian hits the "Past Sights" button, THEN the potential homeowner is shown the general statistics screen
- GIVEN the potential homeowner is on the general statistics screen, WHEN potential homeowner uses the wheel for statistics on a particular neighborhood, THEN the data is pulled and updated to display neighborhood area
- GIVEN the potential homeowner wants to see a graph enlarged, WHEN the graph is pressed, THEN the potential homeowner is shown the enlarged graph

Title: As a pedestrian, I want to report when I see a rat, so that the city can get rid of it.

Tasks:
- Add a button that opens up the report screen
- Add a report screen with editable fields
- Add a way to store reported data locally and on database
- List view of previous data is updated with new report

Acceptance:
- GIVEN the pedestrian is on the default screen, WHEN the pedestrian hits the "Report" button, THEN the pedestrian is shown the report screen
- GIVEN the pedestrian enters report data, WHEN the pedestrian confirms the submission, THEN the data is stored.
- GIVEN the pedestrian is on the report screen, WHEN the pedestrian cancels the submission, THEN any data entered is not saved.
- GIVEN the pedestrian does not enter all data, WHEN the pedestrian hits the submit button, THEN the pedestrian is given an error.
- GIVEN the pedestrian has submitted a valid report, WHEN the pedestrian goes to the list view, THEN the pedestrian can see the new report

Universal Done Done Criteria:
- Acceptance scenarios are complete
- Unforeseen issues are resolved
- All scenarios pass unit tests without any errors
- Changes are merged with master branch