



Cheyenne Pierpont

Brandon Maurers

Bailey Forbes

RS-11: Further development “If I had another year”

1. The use of a linter which would make the system more maintainable when it comes to the professional look of the system.
2. While the system was migrated to a container near the end of this development cycle, more care should be considered for the containerized project in the future.
3. We initially proposed the uses of more geographic capabilities such as the following:
 - a. Geofencing: which would be useful to better zone out where customers can and cannot be based on a radius of location.
 - b. The ability to manage trips on a check-in basis: This was proposed to note if multiple people were in peril at the same time and get a better idea of who are in peril. This also prevented users from using the system when they should not (because they do not have a trip on record).
 - c. Organization for teams and staff: Would assign available staff into a team automatically to take on a task.
 - d. Management for the environment: Admins and super admins were originally planned to have the ability to create nested database objects which would enact as the river and where items were on the river. This was originally planned to get a better idea of where users were and help customers avoid hazards.

Note: The project was downscaled for client needs and desires (especially when it comes to turnout time).

4. Manual or a “How to”: Our system has plenty of documentation when it comes to the development of said project, however a manual which might be used for training could be considered.
5. Frontend and backend considering: The current state of the full stack of the project is fine, but refinement is always welcome. As this project ages its behavior might change when it comes to usability and capabilities for consumers.