**Product Backlog – Team 21 Transforming Drainage Project**

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As a user, I would like to:

1. be able to locate and navigate to the results of the mass database calculation
2. view the results of the mass database calculation as a map
3. be able to compare the map results with mappings directly from the database
4. interact with the results of the mass database calculation and comparison map
5. be able to see what the map output means in a clear way
6. be able to download the results of the mass data calculation and comparison year data and graphs
7. have a responsive and intuitive experience while using the application
8. view the map data in a graph
9. be able to see more statistical information about the regional map
10. have the option to select a specific grid cell and download the data associated with it for viewing

As a project owner, I would like to:

1. be able to easily and efficiently update the files that contain mapping data
2. see all the code and data structures be properly documented and optimized for reusability
3. be able to reduce the amount of data that must be transferred to the user
4. see the functionality of the maps on the regional map tab improved
5. be able to runs scripts that maintain the information needed for the website automatically
6. be able to run scripts that check the integrity, quality, and correctness of the database
7. make sure that the GitHub for the project is well maintained and properly organized

As a developer, I would like to:

1. make sure that our implementations are correct and working as efficiently as possible