

## Product Backlog

| User Story Title                 | Description  | Priority (1 low, 10 high) | Estimate | Notes  | Tests   | Date Added |
|----------------------------------|--|---------------------------|----------|--|---|------------|
| API                              | As a developer, I want to be able to create new API paths.                                   | 10                        | 6        |  | Test developer can just create new API paths  | 23/01/20   |
| Parser                           | As a developer, I want to be able to create a parser to parse the csv file into the database | 10                        | 5        |  | Test that developer will be able to parse, process and input the csv dataset into the database.                 | 23/01/20   |
| Distance Calculator              | As a developer, I want to calculate the distance from the user to the provider               | 10                        | 5        |  |   | 23/01/20   |
| Create database                  | As a developer, I want to have a database to store the dataset in                            | 10                        | 5        | Create required schema, tables, queries and procedures |   | 23/01/20   |
| Create website                   | As a developer, I want to be able to create a responsive website                             | 10                        | 3        | Website skeleton, search functionality                 |   | 23/01/20   |
| Search for treatment             | As an application user, I want to be able to search for my treatment                         | 9                         | 3        | Support search by condition and procedure              | Test that a real treatment is shown in the results<br><br>Test that a fake treatment generates an error message | 22/01/20   |
| Set constraint based on location | As an application user, I want to be able to set a constraint                                | 9                         | 2        |  | Test that results that fit the constraints based on set   | 22/01/20   |

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|  | based on my set location   |   |   |  | location are displayed   |          |
| Set constraint based on set price range                                    | As an application user, I want to be able to set a constraint based on my set price range                                | 9 | 2 |  | Test that results that fit the constraints based on set price range are displayed                              | 22/01/20 |
| Set live location  | As an application user, I want to share live location  | 8 | 4 |  | Test that live location is accurate  | 22/01/20 |
| Order results based on price   | As an application user, I want to be able to order the results based on price  | 7 | 1 |  | Test that results search are ordered from lowest to highest  | 22/01/20 |
| Order results based on distance  | As an application user, I want to be able to order the results based on distance from my location                        | 7 | 1 |  | Test that search results are ordered from closest to either live location or manual location, to furthest away | 22/01/20 |
| View results on a map (Map Integration)                                    | As an application user, I want to be able to view my results on a map  | 6 | 3 |  | Test that map displayed with correct results   | 22/01/20 |
| Set location manually  | As an application user, I want to set my location manually   | 6 | 2 |  | Test that location can be entered by user and search matches location  | 22/01/20 |
| Order results based on custom ranking of price, distance and user feedback | As an application user, I want to be able to order the results based on my price, distance and user feedback constraints | 3 | 4 | Get more info (on cust. feedback) from the client at meeting Friday 31st Jan | Test that search parameters can be entered, and the correct results are displayed                              | 22/01/20 |

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| Load new/edited data to update existing data set      | As a user, I want to be able to load new/edited data to update the data set           | 1 | 5 |  | Test that data can be updated in the data set, and have the frontend display data accordingly | 22/01/20 |
| Load new/edited data to add to existing data set      | As a user, I want to be able to load new/edited data to add to the existing data set  | 1 | 5 |  | Test that data is loaded without errors   | 22/01/20 |
| Load new/edited data to delete from existing data set | As a user, I want to be able to load new/edited data to delete from existing data set | 1 | 5 |  | Test that data can be deleted from data set   | 22/01/20 |