

# User Stories

## Versions:

| Version ID | Description   | Date        |
|------------|---|-------------|
| 1.0        | Inception Phase   | 08 Apr 2021 |
| 2.0        | Sprint 1  | 06 May 2021 |
| 3.0        | Sprint 2 (Back-end portion tweaks)                                | 21 May 2021 |
| 4.0        | Sprint 2 (User Story Modification on the User Front-end)          | 27 May 2021 |
| 5.0        | Final Release (Back-end: new user stories to reflect API changes) | 04 Jun 2021 |

## User Story List:

### Front-end User Side

| ID | As a ...,           | I want to...  | so that...   | Priority    |
|----|---------------------|---|--|-------------|
| 1  | Web Client/ visitor | see a full interface  | I could learn about all functionalities quickly              | Must have   |
| 2  | Web Client/ visitor | select a module   | I can get different types of data from one area              | Must have   |
| 3  | Web Client/ visitor | search for a defined location on the map interface              | I can access some data for this area.                        | Must have   |
| 4  | Web Client          | draw a polygon on the map interface                             | I can get some analysis of a specific region                 | Must have   |
| 5  | Web Client          | have several payment methods                                    | I can get customized services                                | Must have   |
| 6  | Web Client          | create a custom task  | I can access a specific type of data for a particular region | Must have   |
| 7  | Web Client/ visitor | check the progress of my task                                   | I can know the current status of my task                     | Should have |
| 8  | Web Client/ visitor | see results in models   | I could analyse data visually                                | Must have   |
| 9  | Web Client/ visitor | filter and download results                                     | I could manage and save data                                 | Must have   |
| 10 | Web Client          | have an account   | I can log into the app and manage my account                 | Must have   |
| 11 | Web Client          | check my history orders and change the personal payment details | I can view my past orders and revise payment details         | Should have |

### Front-end Admin Side

| ID | As a(an)..., | I want to...              | so that...  | Priority   |
|----|--------------|---------------------------|---|------------|
| 1  | Admin        | see modules               | I could know what modules the system have                     | Must have  |
| 2  | Admin        | see module information    | I could know the details of these modules                     | Must have  |
| 3  | Admin        | edit modules              | I could add, edit, enable and disable modules                 | Must have  |
| 4  | Admin        | see all users             | I could see what users are using this system                  | Must have  |
| 5  | Admin        | see users details         | I could look up and view user information                     | Must have  |
| 6  | Admin        | view purchases history    | I can view all purchases                                      | Must have  |
| 7  | Admin        | view purchase information | I can view the price and cost to process and how long it took | Must have  |
| 8  | Admin        | search a certain purchase | I can find one particular purchase quickly                    | Must have  |
| 9  | Admin        | have an account           | see the personal profile and manage sections                  | Must have  |
| 10 | Admin        | see user analytics        | I could see the whole trend and population of customers       | Might have |
| 11 | Admin        | have support section      | I could get support when I need help                          | Might have |

### Back-end

| ID | As a(an)...,                     | I want to...                 | so that...   | Priority  |
|----|----------------------------------|------------------------------|--|-----------|
| 1  | User front-end                   | Get all active modules       | I can show a list of currently active modules  | Must have |
| 2  | User front-end                   | Create tasks                 | I can add new tasks per users' requests  | Must have |
| 3  | User front-end                   | Get task information         | I can display the task status back to the users  | Must have |
| 4  | User front-end & admin front-end | Get order history and status | I can validate the user permissions to authorise paid features by checking against the records | Must have |

|    |                                  |   |  |           |
|----|----------------------------------|---|--|-----------|
| 5  | User front-end & admin front-end | Register new users                              | I can register new users with the corresponding resources and policies                             | Must have |
| 6  | User front-end & admin front-end | Get user information and identity               | I can display the user's information and validate the user's identity to authorise admin features  | Must have |
| 7  | User front-end & admin front-end | Update user information and identity            | I can modify the user's information and details  | Must have |
| 8  | User front-end & admin front-end | Remove users with all related information       | I can remove users entirely with all related information deleted                                   | Must have |
| 9  | User front-end & admin front-end | Sync the back-end server with the Eratos server | I can update the back-end server by fetching the tasks and orders info and syncing the two servers | Must have |
| 10 | Admin front-end                  | Get all orders                                  | I can see all the orders that have ever been placed  | Must have |
| 11 | Admin front-end                  | Get all tasks                                   | I can see all the tasks that have ever been created  | Must have |
| 12 | Admin front-end                  | Remove tasks                                    | I can remove some specific tasks based on my needs   | Must have |
| 13 | Admin front-end                  | Remove orders                                   | I can remove some specific orders based on my needs  | Must have |
| 14 | Admin front-end                  | Create and modify modules                       | I can add new modules, modify modules or toggle them on and off based on my needs                  | Must have |
| 15 | Admin front-end                  | Get all modules                                 | I can retrieve a list of all available modules that are on the Eratos' server                      | Must have |
| 16 | Admin front-end                  | Remove modules                                  | I can remove certain modules based on my needs   | Must have |