

# User Stories

## Versions:

Version ID	Description	Date
1.0	Inception Phase	08 Apr 2021
2.0	Sprint 1	06 May 2021

## User Story List:

### Front-end Customer 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 of 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 could get customized services	Must have
6	Web Client/ visitor	check the progress of my service	I can know the current state of my service	Should have
7	Web Client/ visitor	see results in models	I could analyse data visually	Must have
8	Web Client/ visitor	filter and download results	I could manage and save data	Must have
9	Web Client	have an account	I can manage my orders	Must have
10	Web Client	check my history orders and edit personal information	I can see my past data 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	Back-end	check user's privilege/permission	safeguard user's activity in accordance to his/her authorized action	Must have
2	Back-end	create aggregated analysis task	the system can request analysis from Eratos' service for certain geovisualization result	Must have
3	Back-end	check whether a task has been completed or not	the system can notify the front-end upon task completion	Must have
4	Back-end	notify front-end on certain task's result	front end can show the specific result to the user related to the task's result (success or fail)	Must have
5	Back-end	check user payment's status for a task analysis request	authorize user's request for paid-only task analysis & create request to Eratos	Must have
6	Back-end	provide user's payment history	front-end can show list of payment history	Must have
7	Back-end	provide user's analysis request history	front-end can show user's historical analysis request	Must have