

# Team Backlog

## Admin Front-end

StoryID	User	Trello Label	Story/Scenario	Story Points	MoSCoW Priority	Task	Subtask points
1	Admin	Show modules	As an admin, I could know what modules the system has	10	Must have	Design the page layout	2
						Develop the navigation component for the layout	3
						Develop the result viewing component for the layout	3
						Develop business logic to retrieve module data	2
2	Admin	Show details	As an admin, I could know the details of these modules	5	Must have	Develop the result viewing component for the layout	3
						Develop business logic to retrieve details of the module	2
3	Admin	Edit&Enable&Disable modules	As an admin, I could add, edit, enable and disable modules	12	Must have	Design the page layout	2
						Develop "Add modules" function	3
						Develop function for selecting a particular module	3
						Develop "Edit modules" function	3
						Implement a button to enable or disable the module	1
4	Admin	Show users	As an admin, I could see what users are using this system	6	Must have	Design the user page layout	2
						Interact with data and render in the table	3
						Design a payment gateway	1
5	Admin	Show user details	As an admin, I could look up and view user information	7	Must have	Set interaction with data and render user table	2
						Design the display page layout	2
						Implement search user function by username/email/other info	3
6	Admin	View purchases	As an admin, I can view all purchases	6	Should have	Design processing page	2
						Render the page	1
						Implement notification component	3
7	Admin	View price and cost	As an admin, I can view the price and cost to process and how long it took	5	Must have	Interact with data and render the table of orders.	3
						Design the display page layout	2
8	Admin	Find purchase	As an admin, I can find one particular purchase quickly	3	Must have	Present purchases conform to input data;	2
						Implement render function	1
9	Admin	Show profile & Manage sections	As an admin, see the personal profile and manage sections	7	Must have	Design pages	2
						Display admin profiles	2
						Develop "Edit profile" function	3
10	Admin	Show Admin trend&show population	As an admin, I could see the whole trend and population of customers	3	Might have	Present the number of customers	2
						Visualize the change of customers number;	1
11	Admin	Support Service	As an admin, I could get support when I need help	2	Might have	Design a page showing contact details	2

Total Story Points for Admin Frontend Side = 66

## User Front-end

StoryID	User	Trello Label	Story/Scenario	Story Points	MoSCoW Priority	Task	Subtask Points
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1	Web Client/ Visitor	Guest Home page Design	As a client, I want to see a full interface, so that I could learn about all functionalities clearly.	5	Must have	Design static page	3
						Display page	2
2	Web Client/ Visitor	Search module Design	As a client, I want to select a module, so that I can get different types of data of one area.	5	Must have	Add module classification	3
						Render logic	2
3	Web Client/ Visitor	Map 1.0 page Design	As a client, I want to search for a defined location on the map interface, so that I can access some data for this area.	6	Must have	Invoke MapBox API	3
						Design page	2
						Display page	1
4	Web Client	Map 2.0 page Design	As a client, I want to draw a polygon on the map interface, so that I can get some analysis of a specific region.	6	Must have	Implement customized function	3
						Interact with data	1
						Design a payment gateway	2
5	Web Client	Payment Component	As a client, I want to have several payment methods, so that I could get customized services	5	Must have	Invoke payment APIs	2
						Jump to third-party sites	1
						implement payment notification	2
6	Web Client/ Visitor	Progress visualization	As a client, I want to check the progress of my service, so that I can know the current state of my service.	8	Should have	Design processing page	2
						Display page	1
						Connect to server	2
						Implement notification component	3
7	Web Client	Result page Design	As a client, I want to see results in models, so that I could analyse data visually.	8	Must have	Design result visualization	2
						connect to server	2
						Pre-process result	3
						Display data	1
8	Web Client /Visitor	Deliverables Component	As a client, I want to filter and download results, so that I could manage and save data.	5	Must have	Implement data filter function	3
						Implement download function	2
9	Web Client	Account page Design	As a client, I want to have an account, so that I can manage my orders.	6	Must have	Sign in function	3
						Log-in function	3
10	Web Client	Order management	As a client, I want to check my history orders and revise the payment detail, so that I can see my past data and revise payment details	6	Should have	Implement "Check order history"	3
						Implement "change payment detail	3

**Total Story Points for User Frontend Side = 60**

## Back-end

StoryID	User	Trello Label	Story/Scenario	Story Points	MoSCoW Priority	Task	Subtask Points
1	User front-end	User registration	As a back-end, I want to provide user registration end point, so that Customer can register to the website and access the dashboard	4	Must have	Create user registration end-point	2
						Implement user registration method	2
2	User front-end	User login	As a Back-end, I want to provide user login end point, so that Customer can login to access their dashboard	4	Must have	Create user registration end-point	2
						Implement user login method	2
3	User front-end	User privilege	As a Back-end, I need check user's privilege / permission, so that I can safeguard user's activity in accordance to his/her authorized action	4	Must have	Create user privilege check end-point	2
						Implement user privilege check method	2
4	User front-end	Create Eratos' task	As a Back-end, I want to create aggregated analysis task, so that system can request analysis from Eratos' service for certain geovisualization result	10	Must have	Create end-point for front end to request for analysis	4
						Implement method to create & queue a new task	6

5	User front-end	Check task status	As a Back-end, I want to check whether a task has been completed or not, so that system can retrieve the task's result & send it to front end	6	Must have	Implement method to keep track of all task's status	3
						Implement method to check each task's status to Eratos	3
6	User front-end	Notify task's result	As a Back-end, I want to notify front-end on certain task's result, so that front end can show specific result to user related to the task's result (success or fail)	2	Must have	Implement method to notify front-end on task's result	2
7	User front-end	Create payment	As a Back-end, I want to facilitate payment action by the user, so that user can access pay-only resources	10	Should have	Create method to create ready-for-payment transaction to third party payment provider	4
						Create method to finalize payment	4
						Crete method to notify front-end on successful payment	2
8	User front-end & admin front-end	Get payment history	As a Back-end, I want to provide user's payment history retrieval end point, so that front-end can show list of payment history	4	Should have	Create end-point for front-end	2
						Implement payment history retrieval to third party payment provider	2
9	User front-end & admin front-end	Get user detail	As a Back-end, I want to provide user detail end point, so that front-end can show user details	4	Must have	Create end-point for front-end	2
						Create method to call GET function from Eratos service on "Get the authenticated user's details"	2
10	User front-end & admin front-end	Get list of modules	As a Back-end, I want to provide module list retrieval end point, so that front-end can show the modules that user can choose from	4	Must have	Create end-point for front-end	2
						Implement module list retrieval to Eratos' service	2
11	Admin front-end	Change module setting	As a Back-end, I want to facilitate changes in module setting, so that admin can add, edit, enable and disable modules	6	Must have	Create end-point for front-end	2
						Implement create, remove, update method for modules to Eratos' service	4

**Total Story Points for Back-end Side = 58**