

# 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
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.	4	Must have	Design static page	3

						Display page	1
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 from one area.	4	Must have	Get a list of active modules (Invoke getActive Modules API)	3
						Display the component	1
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	2
						Design page	3
						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.	7	Must have	Implement polygon function	2
						Select service modules	3
						Pop up a payment entrance	2
5	Web Client	Payment Component	As a client, I want to have several payment methods, so that I can get customized services	7	Must have	Invoke payment APIs	3
						Design payment page	2
						Implement payment notification	2
6	Web Client	Task Creation	As a client, I want to create a custom task, so that I can access a specific type of data for a particular region.	5	Must have	Select an active module	2
						Customize a polygon	2
						Create the task (Invoke createTask API)	1
7	Web Client/ Visitor	Progress Visualization	As a client, I want to check the progress of my task, so that I can know the current status of my task.	4	Should have	Design processing page	2
						Display page	1
						Implement notification component	1
8	Web Client	Result page Design	As a client, I want to see results in models, so that I could analyse data visually.	6	Must have	Design result visualization	2
						Pre-process result	3
						Display data	1
9	Web Client /Visitor	Data Management	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
10	Web Client	Account page Design	As a client, I want to have an account, so that I can log into the app and manage my account.	7	Must have	Create a new account via Eratos Auth0	2
						Register the account (Invoke userRegister API)	2
						Design Account page	3
11	Web Client	Order Management	As a client, I want to check my history orders and change the personal payment details, so that I can view my past orders and revise payment details	4	Should have	View order history (invoke getTasksOrdersOf User API)	2
						Change payment details (invoke updateUserInfo API)	2

**Total Story Points for User Frontend Side = 59**

## Back-End

Story ID	User	Trello Label	Story/Scenario	Story Points	MoSCoW Priority	Task	Subtask Points
1	User front-end	Get all active modules	As a user front-end, I want to get all active modules so that I can show a list of currently active modules.	2	Must have	Implement a method to get a list of all active modules	2
2	User front-end	Create tasks	As a user front-end, I want to create tasks so that I can add new tasks per users' requests.	9	Must have	Create tables and functions for storing and getting resources and tasks	3
						Implement a method to create new tasks	2
						Implement a method to create resources on the Eratos server	2

						Implement a method to put new tasks to the Eratos server	2
3	User front-end	Get task information	As a user front-end, I want to get task information so that I can display the task status back to the users.	4	Must have	Implement a method to get task info from Eratos server	2
						Implement a method to check for task completions	2
4	User front-end & admin front-end	Get order history and status	As a user front-end or an admin front-end, I want to get the order history and status so that I can validate the user permissions to authorise paid features by checking against the records.	3	Must have	Create functions and tables for querying and storing the order history in the database	3
5	User front-end & admin front-end	Register new users	As a user front-end or an admin front-end, I want to create new users so that I can register new users with the corresponding resources and policies.	5	Must have	Create tables and functions for storing user information	3
						Implement a method to register new users	2
6	User front-end & admin front-end	Get user information and identity	As a user front-end or an admin front-end, I want to get user information and identity so that I can display the user's information and validate the user's identity to authorise admin features.	2	Must have	Implement a method to query user information	2
7	User front-end & admin front-end	Update user information and identity	As a user front-end or an admin front-end, I want to update user information and identity so that I can modify the user's information and details.	2	Must have	Implement a method to update user information	2
8	User front-end & admin front-end	Remove users with all related information	As a user front-end or an admin front-end, I want to remove users with all related information so that I can remove users entirely with all related information deleted.	2	Must have	Implement a method to delete a user and all of its related information	2
9	User front-end & admin front-end	Sync the back-end server with the Eratos server	As a user front-end or an admin front-end, I want to sync the back-end server with the Eratos server so that I can update the back-end server by fetching the tasks and orders info and syncing the two servers.	2	Must have	Implement a method to sync the back-end server with the tasks and orders data from the Eratos server	2
10	Admin front-end	Get all orders	As an admin front-end, I want to get all orders so that I can see all the orders that have ever been placed.	2	Must have	Implement a method to get a list of all orders ever placed	2
11	Admin front-end	Get all tasks	As an admin front-end, I want to get all tasks so that I can see all the tasks that have ever been created.	2	Must have	Implement a method to get a list of all tasks ever created	2
12	Admin front-end	Remove tasks	As an admin front-end, I want to remove tasks so that I can remove some specific tasks based on my needs.	2	Must have	Implement a method to remove a specific task from the database	2
13	Admin front-end	Remove orders	As an admin front-end, I want to remove orders so that I can remove some specific orders based on my needs.	2	Must have	Implement a method to remove a specific order from the database	2
14	Admin front-end	Create and modify modules	As an admin front-end, I want to create and modify modules so that I can add new modules, modify modules or toggle them on and off based on my needs.	6	Must have	Create a table and functions for storing and querying modules	3
						Implement a method for admins to create new modules or modify modules (including activating or deactivating them)	3
15	Admin front-end	Get all modules	As an admin front-end, I want to get all modules so that I can retrieve a list of all available modules that are on the Eratos' server.	2	Must have	Implement a method to query all modules available	2
16	Admin front-end	Remove modules	As an admin front-end, I want to remove modules so that I can remove certain modules based on my needs.	2	Must have	Implement a method to remove a specific module from the database	2

**Total Story Points for Back-End = 49**