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.	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	Invoke module API	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.	7	Must have	Invoke MapBox API	2
							Design page	3
							Display page	2
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 could get customized services	7	Must have	Invoke payment APIs	3
							Design payment page	2
							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.	8	Must have	Implement sign-in function	2
							Implement Log-in function	3
							Design Account page	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 = 66

Back-End

Story ID	User	Trello Label	Story/Scenario	Story Points	MoSCoW Priority	Task	Subtask Points
1	User front-end	User privilege	As a Back-end, I need to check the user's privilege/permission, so that I can safeguard the user's activity in accordance with his/her authorized action	4	Must have	Implement user privilege check method	4
2	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 a certain geo-visualization result	10	Must have	Create an end-point for the front end to request analysis	4
						Implement a method to create & queue a new task	6
3	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 the front end	6	Must have	Implement a method to keep track of all task's status	3
						Implement a method to check each task's status to Eratos	3
4	User front-end	Notify task's result	As a Back-end, I want to notify the front-end of certain task's result, so that the front end can show the specific result to the user related to the task's result (success or fail)	4	Must have	Implement a method to notify the front-end of the task's result	4

5	User front-end	Check payment status	As a Back-end, I want to check user payment's status for task analysis request, so that system can authorize the user's request for paid-only task analysis & create a request to Eratos	10	Should have	Create a method to create a ready-for-payment transaction to the third-party payment provider	4
						Create a method to finalize payment	4
						Crete method to notify front-end on successful payment	2
6	User front-end & admin front-end	Get payment history	As a Back-end, I want to provide the user's payment history, so that the front-end can show a list of payment history	6	Must have	Create end-point for front-end	2
						Create database design for payment history	2
						Create posting & retrieval function	2
7	User front-end	Get the list of task analysis history	As a Back-end, I want to provide a list of task analysis history, so that the front-end can show the user's historical analysis request	6	Must have	Create end-point for front-end	6

Total Story Points for Back-End Side = 46