Access website	Colort and view a		Customine the date				Vigualiae		Log foult for			Dala based leg in								
Access website	Select and view a data visualisation		Customise the data set to be visualised				Visualise comparative data		Log fault for resource wastage			Role based log in system								
As a user, i can	As a user, I can	As a user, I can	As a user, I can	As a user, I can	As a user, I can see	As a user I can	As a user, I can	As a user, I can	As a user, I can log	As a user, I can log	As a user, I can log	As a user Lean	As a user, I can log	As a user I can view	As a user, I can	As an administrator,	As an administrator,	As an administrator,	As a maintenance	As a user I can log
access the website	visualise pre- selected data	select different visualisations for pre-selected data	select a residence and view the corresponding	select different resources to be visualised	total consumption or average consumption per	select the resolution of the data I wish to view	compare different	compare different buildings for the same date range	a generic resource wastage fault	a resource specific fault for wastage	a location specific fault for resource wastage	create an account	into my profile to log a fault		change my password	I can manage all registered users	I can create accounts for different types of		staff member, I can view all logged faults	in using my google
Sprint 1			visualisation		student												users			
Setup and initialise server Size: Medium Priority: High	Setup and configure DBMS on separate server Size: Large Priority: High	Implement circle pack visualisation Size: Large Priority: High																		
Create landing page Size: Small Priority: High	Configure API access to DB server Size: Large Priority: High	Implement aster plot visualisation Size: Large Priority: High																		
Configure test and lint framework Size: Medium Priority: Medium	Create visualisation dashboard Size: Medium Priority: High																			
	Create multi line plot on dashboard (from pre-selected data) Size: Large Priority: High																			
Sprint 2 (MVP)					Utilise student data	Menu to allow the	Configure server	Process and	Create popup	Dropdown menu to	Add a field for the	l								
					to render average student consumption Size: Large Priority: Medium	user to select sampling resolution Size: Small Priority: Medium	query system to cater for multiple queries at different dates Size: Large Priority: High	visualise collection of queries for		select the type of resource wastage Size: Small Priority: Medium	location of the fault Size: Small Priority: Medium									
						Query the database with the requested resolution and graph the data Size: Medium Priority: High	Process and visualise collection of queries for different dates Size: Large Priority: High		Integrate sendgrid API to send logged faults Size: Large Priority: Medium											
Future Development					_															
			Integrate Open Source Maps API Size: Large Priority: High	Configure DB API to cater for resource queries Size: Medium Priority: High							Add a location selector using an Open Source Maps API Size: Large Priority: Medium	Create SQL database structure for storing user information Size: Large Priority: High	Create a login page Size: Medium Priority: Medium	Create profile page Size: Medium Priority: Medium	Form to change password Size: Small Priority: Medium	Create user management panel Size: Large Priority: High	Enhance user management panel to allow account role creation Size: Large Priority: Medium	Enhance user management panel to control access rights for users Size: Large Priority: High	Store all logged fault in database Size: Medium Priority: High	Integrate google sign in API to login and registration page Size: Large Priority: Medium
			Outline monitored residences Size: Large Priority: Medium	Process and visualise data by resource type Size: Medium Priority: High								Form for registering a new user Size: Small Priority: Medium	Validate login credentials Size: Large Priority: High		Store edited password in DB Size: Small Priority: Medium		Implement access rights for each account role Size: Medium Priority: Medium		Redirect staff member to fault logger upon successful log in Size: Small Priority: Medium	
			Render colour map of residence consumptions Size: Large Priority: Medium									Store user information in database Size: Medium Priority: Medium	Redirect user to fault logging system upon successful log in Size: Small Priority: High						Query and display logged faults Size: Medium Priority: High	