## **Test Cases**

Module	Test	Description / Flow	Expected O/P	Log	Image
Login Page	1.1.1: Unsuccessful Sign-up	- User signs up with invalid username	- Username is taken!	- Username is taken!	Error Username already taken! Please try again
	1.1.2: Successful Sign-up	- User signs up with valid username and password	- Successfully registered	- Successfully registered	NA
	1.2.1: Unsuccessful Login	- User attempts login with incorrect password	- Incorrect login details	- Incorrect login details	Login Failed  Authentication failed. Please check your username and password.
	1.2.2: Successful Login	- User logins successfully	- Brings user to home page	- Brings user to home page	Maspd Pusara Aman Control Difference Academy Control Defence Academy Control Defence Academy Control Defence Academy Control Defence Mart Station (EW2B) Singapore Control Discovery Centre Control
Home Page	2.1: Display map of SG	- User can interact with SG map	- SG Map	- SG Map	National -Institute of Education (NIE)

2.2: Show current location	- User clicks on share my location icon - User allows location sharing - User is brought to current location's vicinity	- Zoom in on current location	- Zoom in on current location	Nanyang Technological University  WESTERN WATER CATCHMENT  Nanyang Auditorium  The Hive (Learning Hub South-LHS)  Nanyang Technological University
2.3: Show nearby ports	- Displays nearby charging ports as colored markers	- Nearby ports should be displayed as markers	- Nearby ports should be displayed as markers	National Institute of Education (NIE)  Yunnan Pioneer Mali Garden Pioneer MRT Station (EW28)
2.4: Search by district and show nearby ports	<ul> <li>User goes to search bar</li> <li>User searches for a specific district</li> <li>User selects district</li> <li>User is brought to district's vicinity on home page</li> <li>Nearby ports are displayed as markers</li> </ul>	- Nearby ports for selected district should be displayed as markers	- Nearby ports for selected district should be displayed as markers	Adam Food Centre Temporiny dosed soob Ballas dren's Garden  Shangri-La Singapore  Far E.  Cyping Fall  Cyping Fall  Adam Food Centre  Balleriller Ap  Coping Fall  Cyping Fall  Adam Food Centre  Balleriller Ap  Balleriller Ap  Coping Fall  Coping Fall  Adam Food Centre  Balleriller Ap  Coping Fall  Copi
2.5.1: Show (confirmed) port details	- User selects on a (green) marker - Sliding widget pops up to display more details on location	- User can browse port's details on widget	- User can browse port's details on widget	Nanyang Technological University  Description TANGLIN MALL  Location ID 148  Capacity 18
2.5.2: Show (confirmed) port details with pending report	- User selects another (green) market with a pending report - User scrolls to bottom to view more details on report	- User is able to read the report's details	- User is able to read the report's details	Damage Report  This marker has a damage report. Would you like to see the report?  Show Report Cancel

	2.6.1: View pending location  2.6.2: Vote on (pending) port	- User clicks on an orange marker  - User is able to vote on pending port	- User is able to view newly suggested location  - User is able to vote on pending	- User is able to view newly suggested location	Status Pending  Votes  I I I 0  Status Pending
			port and see its changes	port and see its changes	Votes
Rewards page	3.1: Display user's points	- User selects reward page	- User can see current points	- User can see current points	Rewards ** 22000 Points
	3.2.1: Display all deals	- User selects reward page	- User can browse unredeemed rewards	- User can browse unredeemed rewards	300 Macdonald reward points Points: 100  20% discount on selected items Points: 2000
					1*Free cheese fries Points: 50  10% discount on selected items Points: 3000  50% discount on 2hr medium room booking Points: 500
	3.2.2: Display deals by filter	- User selects deal type in drop down filter widget	- User can browse filtered rewards	- User can browse filtered rewards	FnB  300 Macdonald reward points Points: 100  1*Free cheese fries Points: 50  redeem  1*Free Kebap of your choice! Points: 500  Free add-on Taro balls Points: 50
	3.3: Redeem deals	- User selects and redeems deal	- User is able to redeem deal - corresponding drop in user's points	- User is able to redeem deal - corresponding drop in user's points	Redeemed Success You have successfully redeemed the reward OK
Activitie s page	4.1 Add new charging location	- User enters details	- Charging location is added using the user's current coordinates	- Charging location is added using the user's current coordinates	Wit Thank you! Mi

	4.2 Add report	- User enters location ID and relevant details	- Report is entered into the database	- Report is entered into the database	Thank you!  Your submission has been received.  OK Cancel
Profile page	5.1 View privacy Policy	- User clicks on privacy policy	- Privacy policy is shown	- Privacy policy is shown	Privacy Policy  We are strongly committed to letting you know how we will collect and use your personal information. The policies below are applicable to data and information collected when you use WattWay, however accessed and/or used, that are operated by us, made available by us, or produced and maintained by us and our related companies (collectively "PowerOn" or "we", "us", o" our"). We have established this privacy policy ("Privacy Policy") to let you know the kinds of personal information we may gather during your use of this App, why we gather your information, what we use your personal information for, when we might disclose your personal information. Please be advised that the practices described in this Privacy Policy apply to information in this Privacy Policy apply to information gathered online through our App, through our wabsites and otherwise by our customer service personnel. It does not apply to information that you may submit to organisations to which we may link or who may link to us or information that we may ink or who may link to us or information that we may receive about
	5.2 Log out	- User clicks on redeemed deals	- User is brought to sign in page	- User is brought to sign in page	Sign-In  WestD adrian  Password  Login  Do not have an account? Sign-up  Forget Password