

Test ID	Test Description	Type of Test	Pass/Fail	Contributor	
1.1	A user should be able to create an account, entering valid username and password information.	A, UN			
1.2	A user should be able to log in and securely access their dashboard.	A, UN			
1.3	A user should be able to log out, ending their session securely.	A, S			
1.4	User passwords should be encrypted and stored securely in the database.	S, UN			
1.5	Users should be able to edit their account information, including username and password.	A, UN			
1.6	Users should be able to delete their accounts, with data being removed securely.	S, A			I: Integration Testing
1.7	Invalid login attempts should be rate-limited to enhance security.	S, UN			S: System Functionality Testing
2.1	Users should be able to search for weather conditions by city name.	A, I			UN: Unit Testing
2.2	The dashboard should display current weather conditions, including temperature and weather icons.	A, S			US: Usability Testing
2.3	Users should be able to toggle temperature units between Celsius and Fahrenheit.	A, UN			A: Acceptance Testing
2.4	Users should be able to set their preferred date format (e.g., MM/DD/YYYY).	S, US			P: Performance Testing
2.5	Users should be able to customize the dashboard layout (e.g., moving information blocks).	US			
2.6	After a city search, the dashboard should display a 5-day weather forecast summary.	A, S			
3.1	Users should be able to add locations to their favorites and view them on their dashboard.	A, S			
3.2	Users should be able to remove locations from their favorites.	A, S			
4.1	Users should be able to generate a shareable link for their dashboard.	A, S			
4.2	Shared dashboards should be view-only for other users.	S, US			
5.1	The user interface should be intuitive, with consistent icons and layout principles.	US			
5.2	The application should respond to searches within 2 seconds.	P, S			
5.3	Data retrieval should be efficient, even as the user base scales.	P, S			
5.4	All sensitive data, including passwords, should be encrypted to ensure security.	S			
5.5	Continuous Integration and Deployment (CI/CD) should ensure reliable updates and error-free deployments.	O			