

ID	User Story / Task	Test Case	Expected Result	Actual Result
TC-01	Password Recovery (US-05)	Test password reset request with a valid email.	User receives a password reset link via email.	Completed as expected.
TC-02	Password Recovery (US-05)	Test reset link functionality and creation of new password.	User can set a new password after clicking the reset link.	Completed as expected.
TC-03	Enable OAuth Login (US-06)	Test Google login flow.	Google login redirects the user to the dashboard.	Completed as expected.
TC-04	Session Management (TS-01)	Test session expiry after the defined period of inactivity.	Session automatically expires after a set time (e.g.,30 minutes) of inactivity.	Completed as expected.
TC-05	Session Management (TS-01)	Test that users remain logged in until they manually log out.	Users remain logged in unless they manually log out.	Completed as expected.
TC-06	Personalized Menu Suggestions (US-07)	Verify personalized menu recommendations based on customer profile.	Personalized recommendations displayed based on user preferences.	Completed as expected.
TC-07	Personalized Menu Suggestions (US-07)	Test real-time updates to recommendations with changing preferences.	Menu updates dynamically in response to changes in preferences.	Completed as expected.
TC-08	Menu Recommendation Algorithm (TS-02)	Validate recommendation accuracy based on initial user preferences.	Recommendations align with the user's profile and history.	Completed as expected.
TC-09	Menu Recommendation Algorithm (TS-02)	Validate recommendation ranking accuracy.	High relevance of recommended items at the top.	Completed as expected.
TC-10	Data Pipeline for ML (TS-03)	Validate data collection and storage of user preferences.	Data is pre-processed and stored correctly.	Completed as expected.
TC-11	Data Pipeline for ML (TS-03)	Verify the pipeline's integration with the recommendation engine.	Data is successfully passed to the model for training.	Completed as expected.
TC-12	Add Items to Cart (US-08)	Test adding items to cart and real-time update.	Cart updates in real-time with selected dishes.	Not completed (issue with real-time update).
TC-13	Add Items to Cart (US-08)	Validate multiple items can be added.	Multiple items added without errors.	Not completed (issue with adding multiple items).
TC-14	Real-Time Pricing Backend (TS-04)	Verify backend handling for real-time price updates based on demand.	Real-time pricing updates served to frontend API.	Not completed (API delays).
TC-15	Dynamic Pricing Display (US-09)	Test real-time display of dynamic prices on customer menu.	Prices adjust dynamically in real-time as demand changes.	Not completed (Carried to Sprint 3).