**Requirement Traceability Matrix (RTM)**

**Project**: RTM of ACME Website  
**Designed by**: REDHUL K R  
**Date of Design**: 4/10/2024

| **Requirement ID** | **Requirement Description** | **Test Case ID** | **Test Case Description** | **Status** | **Comment** |
| --- | --- | --- | --- | --- | --- |
| **REQ\_001** | Verify login feature presence | **TC\_001** | Verify that there is a login feature present on the homepage | PASS | Login feature is present |
| **REQ\_002** | Verify valid user login functionality | **TC\_002** | Verify that the user can log in with valid credentials | PASS | Functioning as expected |
| **REQ\_003** | Verify invalid login attempts (empty username/password) | **TC\_003** | Verify login fails with empty username or password | FAIL | Needs fix |
| **REQ\_004** | Verify social media button functionality | **TC\_004** | Verify all social media buttons link to correct platforms | FAIL | Social media links broken |
| **REQ\_005** | Verify search bar functionality | **TC\_005** | Verify the search bar returns relevant results | FAIL | Search functionality not working |
| **REQ\_006** | Verify settings button functionality | **TC\_006** | Verify settings button works post login | FAIL | Settings button not functional |
| **REQ\_007** | Verify profile image click opens user profile | **TC\_007** | Verify clicking on profile image opens the user's profile page | FAIL | Profile page not loading |
| **REQ\_008** | Verify account addition feature | **TC\_008** | Verify add account button allows adding a new account | FAIL | Add account button broken |