# 15. Verification

Purpose: Provide steps for functional verification of the RMD application after deployment by an end user.

Steps for Verification:  
  
1. Code Publishing by User:  
 - User pushes code to the appropriate environment branch (e.g., `pass-migration-dev`, `pass-migration-qa`).  
 - GitHub Action pipeline automatically triggers build and deployment based on the corresponding `.yml` workflow file.  
 - User monitors the GitHub Actions tab in GitHub UI to verify successful execution of build and deployment jobs.  
  
2. Accessing the RMD Application:  
 - Once deployed, user accesses the relevant web application URL for the environment.  
 e.g., Dev: https://webapp1.azurewebsites.net  
 - User performs basic UI testing by logging in (if applicable), navigating through the menus, and checking that expected components load.  
  
3. Basic Smoke Tests:  
 - Ensure homepage or landing screen loads successfully.  
 - Navigate to key screens and validate UI responsiveness.  
 - Check browser console for JavaScript errors or failed API calls.

# 16. Validation

Purpose: Describe how users or DB teams validate the data-level changes in the backend after deployment.

Steps for Validation:  
  
1. Confirm Backend Updates:  
 - Validate that expected database schema changes (if any) have been applied.  
 - Verify that stored procedures, triggers, or data transformations behave as intended post-deployment.  
  
2. Data Accuracy Checks:  
 - Perform sample queries to verify data consistency and correctness.  
 - Ensure data inputs from UI are reaching the database tables correctly.  
  
3. Transaction Integrity:  
 - Test a complete flow (e.g., form submission → database update).  
 - Validate rollback mechanisms on failure scenarios (if implemented).  
  
4. Logs and Monitoring:  
 - Review Azure App Service logs or Application Insights (if enabled) for any data-related errors or warnings.