

# CSE 115A – Introduction to Software Engineering

## Test Plan and Report

The Test Plan and Report includes the following elements

- **Heading:** Document name ("Test Plan and Report"), product name, team name, date.
- **System Test scenarios:** Provide a list of system test scenarios. Ideally, the scenarios should relate to specific user stories and associated acceptance criteria.

A scenario is a list of system level interactions (including precise input and output) a user would follow to determine that each user story has been completed; i.e., all the acceptance criteria for a user story are met.

Example:

- A. User story 1: As a user I want to create an account so that I can use the toilet location system.
- B. User story 2: As a registered user I want to view a map showing locations of all toilets in 5 mile radius of current location so that I can visually choose more information about toilets of interest.

Scenario 1: Create Account (Pass/Fail)

1. start Toilet app; select 'new user'; type  
    name = <Linda Werner>  
    password = <LLWPass9>  
    password confirmation = <LLWPass9>  
    press Enter Key
2. user should see verification message that account is now active

Scenario 2: Show toilets in 5 mile radius (Pass/Fail)

1. select 'view toilets in 5 mile radius';
2. User should see map of 5 miles radius of current location with all toilets within the toilet database marked.

Note for each scenario whether the test passed or failed for the system release version.

- **Unit tests:** If you developed automated tests, reference the relevant directories in your release branch. Note if any of the tests failed for the released system version. Be prepared to run the tests during the project review.

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