

CS 459: Software Engineering Senior Project

Spring 2025

Test Plan

Project Title	HCAR Client Database
Sponsoring Company	Humboldt Community Access and Resource Center
Sponsor(s)	Pennie Lee, Kim Nash, Wes Patterson
Students	<ol style="list-style-type: none">1. Orlando Trujillo-Ortiz2. Carson Gustafson3. Justin Crittenden4. Michael Goodwyn

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1. INTRODUCTION

- introduction to the entire document
- purpose and scope of the document
- description of the structure of the document

2. TEST CASES

- High-Level Test Cases
 - o Summarize key system-level or acceptance tests.
 - o Reference the user stories/use cases from Requirements Documentation.

3. TECHNIQUES FOR TEST GENERATION

- input domain model
- specify which techniques are used for test design and generation
- specify which criteria are used for measuring the quality of your tests

4. TRACEABILITY

- provide a mapping between test cases and use cases
- clearly describe how each requirement (or user story) in the *Requirements Documentation* is captured in testing
- e.g., User Story #10 → Test Cases #TC10a, #TC10b, a table preferred

5. CONFIGURATION MANAGEMENT

6. ENGINEERING STANDARDS AND MULTIPLE CONSTRAINTS

7. ADDITIONAL REFERENCES