FIA (Find It All)
Your Friendly Local Service Finder

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Software Testing and Validation (ENSE 375)

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Agenda

- Introduction

- Problem Definition

- Design Requirements

- Solutions

- Testing and Demonstration

- Project Management

- Conclusion and Future Scope

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Introduction

- Local business face challenges
  - Intense competition
  - Limited resources for marketing
  - Online visibility

- Our Solution ~ FIA (Find It All)
  - Enhanced Online Visibility
  - Centralized Service Listing
  - Support for small and new businesses

Problem Definition

We propose developing a comprehensive platform that enables local businesses to:

- List Services
- Request Services
- Centralized Information Hub
- Affordable

Design Requirements

Functions

- Create and manage service listing

- Search for and request services

- Provide a user-friendly interface

- Ensure secure user authentication

Objectives

- Comprehensive

- User Friendly

- Secure

- Responsive

Constraints

- Economic Factors

- Reliability

- Societal Impacts

- Ethics

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Solutions

Version 1

- Basic Web Application
- Lacks search bar

Version 2

- Enhanced Web Application
- Authentication

Version 3

- Online presence
- Scalability
- Better UI Design

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Testing and Demonstration
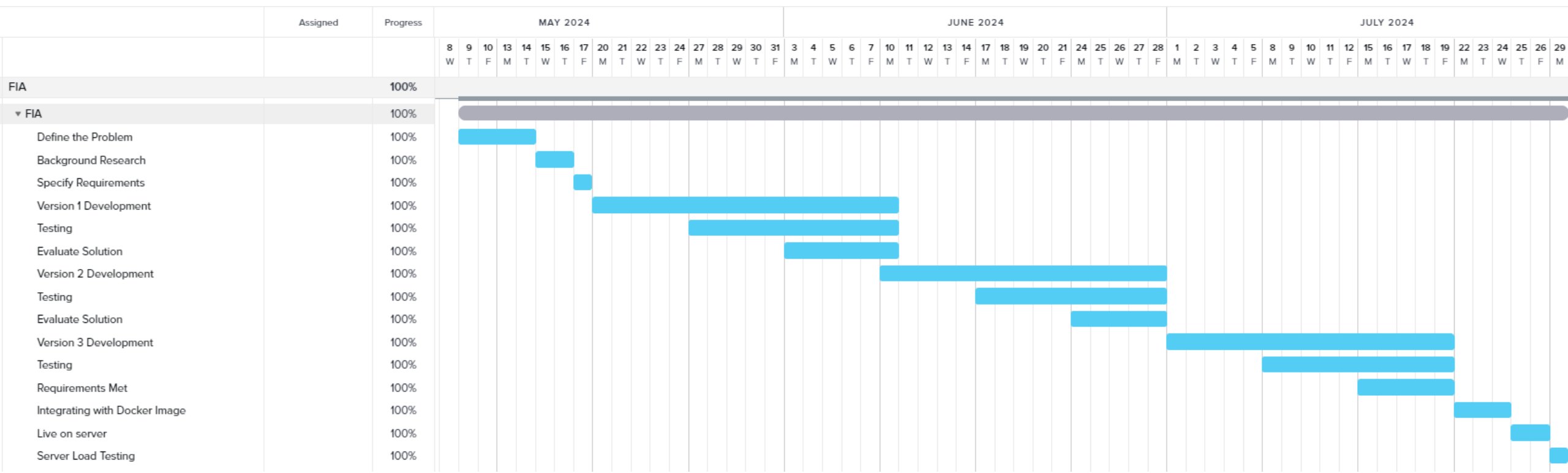
Test Requirements and Test Cases

- Boundary Value Testing

- Decision Table Testing

- State Transition Testing

- Use Case Testing

- Data Flow Testing

- Equivalence Class Testing

- Integration Testing

Demo

- Application

- Testing ~ vsCode

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Project Management

Conclusion and Future Work

- Review and rating system

- Personalized Recommendation

- Host on AWS for better performance