

StudyBuddy Documentation

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1. Introduction

1.1. Purpose

Our team has prepared a list of comprehensive documentation regarding all aspects of the StudyBuddy platform, and have included all of them in this GitHub repository. We have outlined the relative paths to the respective documents, and have also included additional documentation regarding our codebase for both the front-end and the back-end of our application. We have also provided the URLs to both our client-facing application (regular users), and our internal management application (admin users).

1.2. Document Conventions

- 1.2.1. **Font** → Arial
- 1.2.2. **Main Header** → Size 20, Bold
- 1.2.3. **Sub-Section Header** → Size 16, Bold
- 1.2.4. **Content** → Size 12

1.3. Site Access

- 1.3.1. Regular Users → <https://studybuddyswe.vercel.app/>
 - 1.3.1.1. Register an account by clicking on the “Register” button on the navigation bar.
- 1.3.2. Admin Users → <https://studybuddybe.up.railway.app/admin/>
 - 1.3.2.1. Provided admin credentials for this minimum-viable-product
 - 1.3.2.1.1. Username → admin
 - 1.3.2.1.2. Password → admin

2. Use Cases

2.1. Diagram

- 2.1.1. Navigate to “UseCases_StudyBuddy/Diagram”.

2.2. Description

- 2.2.1. Navigate to “UseCases_StudyBuddy/Description”.

3. Software Requirements Specification

- 3.1. Navigate to “SoftwareRequirementsSpecification_StudyBuddy”.

4. UI Mock-Ups

- 4.1. Navigate to “UIMockups_StudyBuddy”.

5. Entity Class Diagram

5.1. Navigate to “EntityClassDiagram_StudyBuddy”.

6. Major Boundary Classes

6.1. Navigate to “MajorBoundaryClasses_StudyBuddy”.

7. Sequence Diagrams

7.1. Navigate to “SequenceDiagram_StudyBuddy”.

8. Dialog Map

8.1. Navigate to “DialogMap_StudyBuddy”.

9. System Architecture

9.1. Navigate to “SystemArchitecture_StudyBuddy”.

10. Application Testing

10.1. WhiteBox

10.1.1. Navigate to “Testing_StudyBuddy/WhiteBox”.

10.2. BlackBox

10.2.1. Navigate to “Testing_StudyBuddy/BlackBox”.

11. Live Demonstration

11.1. Slides

11.1.1. Navigate to “LiveDemo_StudyBuddy/Slides”.

11.2. Script

11.2.1. Navigate to “LiveDemo_StudyBuddy/Script”.

12. Video Demonstration

12.1. Navigate to “VideoDemo_StudyBuddy”.

13. Front-End Documentation

13.1. Navigate to “Documentation_StudyBuddy/FrontEnd”.

14. Back-End Documentation

14.1. Navigate to “Documentation_StudyBuddy/BackEnd”.