



WORK BREAKDOWN STRUCTURE
CHUBBY GOURMET'S E-COMMERCE WEB APPLICATION

HIGHTABLE

**PROJECT DOCUMENTATION SUBMITTED TO THE FACULTY OF THE
SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGIES**

ASIA PACIFIC COLLEGE

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
SYSTEMS ANALYSIS AND DETAILED DESIGN FOR IT
PROJMAN**

BY

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INTRODUCTION

The Chubby Gourmet Web Application project involves the development of an e-commerce web application that will enable the business to efficiently manage its market, streamline its processes and enhance its customer service. The Work Breakdown Structure (WBS) for Chubby Gourmet project outlines the various work packages that must be accomplished to deliver a functional and user-friendly e-commerce web application. The WBS presents the project scope and helps in defining the deliverables that must be accomplished to meet the project objectives. This document will provide an overview of the WBS layout for the Chubby Gourmet project.

The WBS is organized into five major phases, which include project planning, analysis and design, development, documentation, and development II. Each phase is further broken down into several sub-phases or work packages, which are numbered for easy reference. The WBS has been designed to accommodate the key stakeholders, including the project owner, Ms. Priscilla Mariano. Ms. Mariano will have the opportunity to review the WBS to ensure that the project goals are being met, and any adjustments can be made before the project progresses too far.

Overall, the WBS for the Chubby Gourmet project provides a comprehensive view of the tasks needed to deliver a fully-functional e-commerce web application. It is an essential tool that helps the project team in tracking and monitoring the progress of the project, ensuring that it is delivered on time and to the satisfaction of the stakeholders.

OUTLINE VIEW

The outline view for the work breakdown structure (WBS) of Chubby Gourmet provides a straightforward and clear layout that is easy to understand. This layout is particularly useful during the development phase of the project as it enables the project team to make changes quickly and efficiently. The outline view displays the hierarchical structure of the WBS, which allows the project team to easily see the various levels of the project and how they relate to one another. With this view, the team can easily identify the major deliverables of the project and the sub-deliverables that contribute to the completion of each major deliverable. This helps ensure that the project team stays on track and is able to complete the project within the established timeline.

1. Chubby Gourmet Web Application



1.1 Planning

1.1.1 Project Preparation

- 1.1.1.1 Creation of project group
- 1.1.1.2 Choose project/client
- 1.1.1.3 Choose adviser/consultant
- 1.1.1.4 Design Thinking 1

1.1.2 Team Meetings

- 1.1.2.1 Client meeting 1
- 1.1.2.2 Adviser meeting 1
- 1.1.2.3 Client meeting 2
- 1.1.2.4 Adviser meeting 2
- 1.1.2.5 Adviser meeting 3
- 1.1.2.6 Client meeting 3
- 1.1.2.7 Adviser meeting 4
- 1.1.2.8 Adviser meeting 5
- 1.1.2.9 Adviser meeting 6

1.1.3 Midterm Deliverables

- 1.1.3.1 Project paper
 - 1.1.3.1.1 Chap 1 Introduction
 - 1.1.3.1.2 Chap 2 RRL/RRS
 - 1.1.3.1.3 Chap 3 Methodology
 - 1.1.3.1.4 Chap 4 Results and Discussions
 - 1.1.3.1.5 Chap 5 Conclusion
- 1.1.3.2 Powerpoint Deck
- 1.1.3.3 Midterm Presentation
- 1.1.3.4 Comments matrix
- 1.1.3.5 Revised Midterm paper

1.1.4 Prototype

- 1.1.4.1 Initial Low-Fidelity Prototype

1.1.5 Final Deliverables

- 1.1.5.1 Project paper
 - 1.1.5.1.1 Chap 1 Introduction
 - 1.1.5.1.2 Chap 2 RRL/RRS
 - 1.1.5.1.3 Chap 3 Methodology
 - 1.1.5.1.4 Chap 4 Results and Discussions
 - 1.1.5.1.5 Chap 5 Conclusion
- 1.1.5.2 Teaser Video
- 1.1.5.3 Powerpoint Deck
- 1.1.5.4 Final Presentation
- 1.1.5.5 Comments matrix





- 1.1.5.6 Revised Final paper
- 1.2 Analysis and Design
 - 1.2.1 Initial Deliverables
 - 1.2.1.1 Submission of MNTSDEV Documents
 - 1.2.1.2 Creation of Github Repository
 - 1.2.1.3 Choose Adviser/Consultant
 - 1.2.2 Team Meetings
 - 1.2.2.1 Client meeting 1
 - 1.2.2.2 Adviser meeting 1
 - 1.2.2.3 Client meeting 2
 - 1.2.2.4 Adviser meeting 2
 - 1.2.2.5 Panelists meeting 1
 - 1.2.2.6 Adviser meeting 3
 - 1.2.2.7 Adviser meeting 4
 - 1.2.3 Midterm Deliverables
 - 1.2.3.1 Diagrams
 - 1.2.3.1.1 MVC
 - 1.2.3.1.2 Event Table
 - 1.2.3.1.3 Use Case Diagram
 - 1.2.3.1.4 Use Case Full Description
 - 1.2.3.1.5 DFD
 - 1.2.3.1.6 CFD
 - 1.2.3.1.7 ERD
 - 1.2.3.1.8 Activity Diagram
 - 1.2.3.1.9 Object Diagram
 - 1.2.3.1.10 Class Diagram
 - 1.2.3.2 Project paper
 - 1.2.3.2.1 Chap 1 Introduction
 - 1.2.3.2.2 Chap 2 RRL/RRS
 - 1.2.3.2.3 Chap 3 Technical Background
 - 1.2.3.2.4 Chap 4 Methodology
 - 1.2.3.2.5 Chap 5 Results and Discussions
 - 1.2.3.2.6 Chap 6 Conclusion
 - 1.2.3.3 Updated Teaser Video
 - 1.2.3.4 Powerpoint Deck
 - 1.2.3.5 Midterm Presentation
 - 1.2.3.6 Midterm Rubric
 - 1.2.3.7 Comments matrix
 - 1.2.3.8 Revised Midterm paper
 - 1.2.4 Final Deliverables





- 1.2.4.1 Diagrams
 - 1.2.4.1.1 Sequence Diagram
 - 1.2.4.1.2 State Machine Diagram
 - 1.2.4.1.3 Package Diagram
 - 1.2.4.1.4 Component Diagram
 - 1.2.4.1.5 Deployment Diagram
 - 1.2.4.1.6 Data Dictionary
- 1.2.4.2 Prototype
 - 1.2.4.2.1 Updated Low-Fidelity Prototype
- 1.2.4.3 Project paper
 - 1.2.4.3.1 Chap 1 Introduction
 - 1.2.4.3.2 Chap 2 RRL/RRS
 - 1.2.4.3.3 Chap 3 Technical Background
 - 1.2.4.3.4 Chap 4 Methodology
 - 1.2.4.3.5 Chap 5 Results and Discussions
 - 1.2.4.3.6 Chap 6 Conclusion
- 1.2.4.4 Updated Teaser Video
- 1.2.4.5 Powerpoint Deck
- 1.2.4.6 Final Presentation
- 1.2.4.7 Final Rubric
- 1.2.4.8 Comments matrix
- 1.2.4.9 Revised Final paper
- 1.3 Development
 - 1.3.1 Initial Deliverables
 - 1.3.1.1 Submission of MSSYADD1 Documents
 - 1.3.1.2 Choose Adviser/Consultant
 - 1.3.2 Team Meetings
 - 1.3.2.1 Client Meeting 1
 - 1.3.2.2 Client Meeting 2
 - 1.3.2.3 Adviser Meeting 1
 - 1.3.3 Releases
 - 1.3.3.1 Release 1
 - 1.3.3.2 Release 2
 - 1.3.4 Midterm Deliverables
 - 1.3.4.1 Project paper
 - 1.3.4.1.1 Chap 1 Introduction
 - 1.3.4.1.2 Chap 2 RRL/RRS
 - 1.3.4.1.3 Chap 3 Technical Background
 - 1.3.4.1.4 Chap 4 Methodology
 - 1.3.4.1.5 Chap 5 Results and Discussions





- 1.3.4.1.6 Chap 6 Conclusion
- 1.3.4.2 Updated Teaser Video
- 1.3.4.3 Powerpoint Deck
- 1.3.4.4 Midterm Presentation
- 1.3.4.5 Midterm Rubric
- 1.3.4.6 Improvement matrix
- 1.3.4.7 Revised Midterm paper
- 1.3.4.8 MCSPROJ Deliverables
 - 1.3.4.8.1 Vision and Scope Documentations
 - 1.3.4.8.2 Gantt Chart
 - 1.3.4.8.3 WBS
 - 1.3.4.8.4 Activity List
 - 1.3.4.8.5 Project Charter
 - 1.3.4.8.6 Statement of Work
- 1.3.5 Final Deliverables
 - 1.3.5.1 Project paper
 - 1.3.5.1.1 Chap 1 Introduction
 - 1.3.5.1.2 Chap 2 RRL/RRS
 - 1.3.5.1.3 Chap 3 Technical Background
 - 1.3.5.1.4 Chap 4 Methodology
 - 1.3.5.1.5 Chap 5 Results and Discussions
 - 1.3.5.1.6 Chap 6 Conclusion
 - 1.3.5.2 Updated Teaser Video
 - 1.3.5.3 Powerpoint Deck
 - 1.3.5.4 Final Presentation
 - 1.3.5.5 Final Rubric
 - 1.3.5.6 Improvement matrix
 - 1.3.5.7 Revised Final paper
 - 1.3.5.8 MCSPROJ Deliverables
 - 1.3.5.8.1 Quality Management Plan
 - 1.3.5.8.2 Change Management Plan
 - 1.3.5.8.3 Contingency Plan
 - 1.3.5.8.4 User Project Review
 - 1.3.5.8.5 SRS
 - 1.3.5.8.6 Test Case
 - 1.3.5.8.7 Project Sway
 - 1.3.5.8.8 Proofread Request
- 1.4 Documentation
 - 1.4.1 Midterm Deliverables
 - 1.4.1.1 Business Case





- 1.4.1.2 Project Charter
- 1.4.1.3 Stakeholders Management Strategy Plan
- 1.4.1.4 Scope Management Plan
- 1.4.1.5 Cost Management Plan
- 1.4.1.6 Time Management Plan
- 1.4.1.7 WBS
- 1.4.1.8 Work Packages
- 1.4.2 Final Deliverables
 - 1.4.2.1 Human Resource Management Processes
 - 1.4.2.2 Quality Management Processes
 - 1.4.2.3 Risk Management Processes
 - 1.4.2.4 Communications Management Processes
 - 1.4.2.5 Procurement Management Processes
 - 1.4.2.6 Project Status Reports Distribution plan
 - 1.4.2.7 Change Request Documentation
 - 1.4.2.8 Project Execution Monitoring Report
 - 1.4.2.9 Implementation Plan
 - 1.4.2.10 Change Management plan
 - 1.4.2.11 Project Status Reports
 - 1.4.2.12 Transition-Out Plan
 - 1.4.2.13 Project Turn Over Plan
 - 1.4.2.14 Post Project Review Plan
 - 1.4.2.15 Consolidated Project Plan
- 1.5 Development II
 - 1.5.1 Midterm Deliverables
 - 1.5.1.1 Week 1: Planning
 - 1.5.1.2 Week 2: Analysis and User Requirements
 - 1.5.1.3 Week 3: System Design - Back-end
 - 1.5.1.4 Week 4: System Design - Back-end
 - 1.5.1.5 Week 5: System Design - Back-end
 - 1.5.1.6 Week 6: System Design - Back-end
 - 1.5.1.7 Week 7: System Design - Back-end
 - 1.5.2 Final Deliverables
 - 1.5.2.1 Week 8: System Design - Back-end
 - 1.5.2.2 Week 9: System Design - Back-end
 - 1.5.2.3 Week 10: System Design - Back-end
 - 1.5.2.4 Week 11: System Design - Back-end
 - 1.5.2.5 Week 12: Testing
 - 1.5.2.6 Week 13: Testing
 - 1.5.2.7 Week 14: Go Live





HIERARCHICAL STRUCTURE

The hierarchical structure is an effective way to represent the Work Breakdown Structure (WBS) for the Chubby Gourmet project. It shows the breakdown of the project into smaller, manageable parts, with each level representing a more detailed and specific set of activities. This structure allows for a clear understanding of the dependencies between different tasks and deliverables and enables the project team to track progress and identify any potential issues at an early stage.

| Level | WBS Code | Element Name |
|-------|-----------|--------------------------------|
| 1 | 1 | Chubby Gourmet Web Application |
| 2 | 1.1 | Planning |
| 3 | 1.1.1 | Project Preparation |
| 4 | 1.1.1.1 | Creation of project group |
| 4 | 1.1.1.2 | Choose project/client |
| 4 | 1.1.1.3 | Choose adviser/consultant |
| 4 | 1.1.1.4 | Design Thinking 1 |
| 3 | 1.1.2 | Team Meetings |
| 4 | 1.1.2.1 | Client meeting 1 |
| 4 | 1.1.2.2 | Adviser meeting 1 |
| 4 | 1.1.2.3 | Client meeting 2 |
| 4 | 1.1.2.4 | Adviser meeting 2 |
| 4 | 1.1.2.5 | Adviser meeting 3 |
| 4 | 1.1.2.6 | Client meeting 3 |
| 4 | 1.1.2.7 | Adviser meeting 4 |
| 4 | 1.1.2.8 | Adviser meeting 5 |
| 4 | 1.1.2.9 | Adviser meeting 6 |
| 3 | 1.1.3 | Midterm Deliverables |
| 4 | 1.1.3.1 | Project paper |
| 5 | 1.1.3.1.1 | Chap 1 Introduction |
| 5 | 1.1.3.1.2 | Chap 2 RRL/RRS |
| 5 | 1.1.3.1.3 | Chap 3 Methodology |
| 5 | 1.1.3.1.4 | Chap 4 Results and Discussions |
| 5 | 1.1.3.1.5 | Chap 5 Conclusion |



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| 4 | 1.1.3.2 | Powerpoint Deck |
| 4 | 1.1.3.3 | Midterm Presentation |
| 4 | 1.1.3.4 | Comments matrix |
| 4 | 1.1.3.5 | Revised Midterm paper |
| 3 | 1.1.4 | Prototype |
| 4 | 1.1.4.1 | Initial Low-Fidelity Prototype |
| 3 | 1.1.5 | Final Deliverables |
| 4 | 1.1.5.1 | Project paper |
| 5 | 1.1.5.1.1 | Chap 1 Introduction |
| 5 | 1.1.5.1.2 | Chap 2 RRL/RRS |
| 5 | 1.1.5.1.3 | Chap 3 Methodology |
| 5 | 1.1.5.1.4 | Chap 4 Results and Discussions |
| 5 | 1.1.5.1.5 | Chap 5 Conclusion |
| 4 | 1.1.5.2 | Teaser Video |
| 4 | 1.1.5.3 | Powerpoint Deck |
| 4 | 1.1.5.4 | Final Presentation |
| 4 | 1.1.5.5 | Comments matrix |
| 4 | 1.1.5.6 | Revised Final paper |
| 2 | 1.2 | Analysis and Design |
| 3 | 1.2.1 | Initial Deliverables |
| 4 | 1.2.1.1 | Submission of MNTSDEV Documents |
| 4 | 1.2.1.2 | Creation of Github Repository |
| 4 | 1.2.1.3 | Choose Adviser/Consultant |
| 3 | 1.2.2 | Team Meetings |
| 4 | 1.2.2.1 | Client meeting 1 |
| 4 | 1.2.2.2 | Adviser meeting 1 |
| 4 | 1.2.2.3 | Client meeting 2 |
| 4 | 1.2.2.4 | Adviser meeting 2 |
| 4 | 1.2.2.5 | Panelists meeting 1 |
| 4 | 1.2.2.6 | Adviser meeting 3 |
| 4 | 1.2.2.7 | Adviser meeting 4 |
| 3 | 1.2.3 | Midterm Deliverables |
| 4 | 1.2.3.1 | Diagrams |
| 5 | 1.2.3.1.1 | MVC |
| 5 | 1.2.3.1.2 | Event Table |
| 5 | 1.2.3.1.3 | Use Case Diagram |



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| 5 | 1.2.3.1.4 | Use Case Full Description |
| 5 | 1.2.3.1.5 | DFD |
| 5 | 1.2.3.1.6 | CFD |
| 5 | 1.2.3.1.7 | ERD |
| 5 | 1.2.3.1.8 | Activity Diagram |
| 5 | 1.2.3.1.9 | Object Diagram |
| 5 | 1.2.3.1.10 | Class Diagram |
| 4 | 1.2.3.2 | Project paper |
| 5 | 1.2.3.2.1 | Chap 1 Introduction |
| 5 | 1.2.3.2.2 | Chap 2 RRL/RRS |
| 5 | 1.2.3.2.3 | Chap 3 Technical Background |
| 5 | 1.2.3.2.4 | Chap 4 Methodology |
| 5 | 1.2.3.2.5 | Chap 5 Results and Discussions |
| 5 | 1.2.3.2.6 | Chap 6 Conclusion |
| 4 | 1.2.3.3 | Updated Teaser Video |
| 4 | 1.2.3.4 | Powerpoint Deck |
| 4 | 1.2.3.5 | Midterm Presentation |
| 4 | 1.2.3.6 | Midterm Rubric |
| 4 | 1.2.3.7 | Comments matrix |
| 4 | 1.2.3.8 | Revised Midterm paper |
| 3 | 1.2.4 | Final Deliverables |
| 4 | 1.2.4.1 | Diagrams |
| 5 | 1.2.4.1.1 | Sequence Diagram |
| 5 | 1.2.4.1.2 | State Machine Diagram |
| 5 | 1.2.4.1.3 | Package Diagram |
| 5 | 1.2.4.1.4 | Component Diagram |
| 5 | 1.2.4.1.5 | Deployment Diagram |
| 5 | 1.2.4.1.6 | Data Dictionary |
| 4 | 1.2.4.2 | Prototype |
| 5 | 1.2.4.2.1 | Updated Low-Fidelity Prototype |
| 4 | 1.2.4.3 | Project paper |
| 5 | 1.2.4.3.1 | Chap 1 Introduction |
| 5 | 1.2.4.3.2 | Chap 2 RRL/RRS |
| 5 | 1.2.4.3.3 | Chap 3 Technical Background |
| 5 | 1.2.4.3.4 | Chap 4 Methodology |
| 5 | 1.2.4.3.5 | Chap 5 Results and Discussions |



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| 5 | 1.2.4.3.6 | Chap 6 Conclusion |
| 4 | 1.2.4.4 | Updated Teaser Video |
| 4 | 1.2.4.5 | Powerpoint Deck |
| 4 | 1.2.4.6 | Final Presentation |
| 4 | 1.2.4.7 | Final Rubric |
| 4 | 1.2.4.8 | Comments matrix |
| 4 | 1.2.4.9 | Revised Final paper |
| 2 | 1.3 | Development |
| 3 | 1.3.1 | Initial Deliverables |
| 4 | 1.3.1.1 | Submission of MSSYADD1 Documents |
| 4 | 1.3.1.1 | Choose Adviser/Consultant |
| 3 | 1.3.2 | Team Meetings |
| 4 | 1.3.2.1 | Client Meeting 1 |
| 4 | 1.3.2.2 | Client Meeting 2 |
| 4 | 1.3.2.3 | Adviser Meeting 1 |
| 3 | 1.3.3 | Releases |
| 4 | 1.3.3.1 | Release 1 |
| 4 | 1.3.3.2 | Release 2 |
| 3 | 1.3.4 | Midterm Deliverables |
| 4 | 1.3.4.1 | Project paper |
| 5 | 1.3.4.1.1 | Chap 1 Introduction |
| 5 | 1.3.4.1.2 | Chap 2 RRL/RRS |
| 5 | 1.3.4.1.3 | Chap 3 Technical Background |
| 5 | 1.3.4.1.4 | Chap 4 Methodology |
| 5 | 1.3.4.1.5 | Chap 5 Results and Discussions |
| 5 | 1.3.4.1.6 | Chap 6 Conclusion |
| 4 | 1.3.4.2 | Updated Teaser Video |
| 4 | 1.3.4.3 | Powerpoint Deck |
| 4 | 1.3.4.4 | Midterm Presentation |
| 4 | 1.3.4.5 | Midterm Rubric |
| 4 | 1.3.4.6 | Improvement matrix |
| 4 | 1.3.4.7 | Revised Midterm paper |
| 4 | 1.3.4.8 | MCSPROJ Deliverables |
| 5 | 1.3.4.8.1 | Vision and Scope Documentations |
| 5 | 1.3.4.8.2 | Gantt Chart |
| 5 | 1.3.4.8.3 | WBS |



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| 5 | 1.3.4.8.4 | Activity List |
| 5 | 1.3.4.8.5 | Project Charter |
| 5 | 1.3.4.8.6 | Statement of Work |
| 3 | 1.3.5 | Final Deliverables |
| 4 | 1.3.5.1 | Project paper |
| 5 | 1.3.5.1.1 | Chap 1 Introduction |
| 5 | 1.3.5.1.2 | Chap 2 RRL/RRS |
| 5 | 1.3.5.1.3 | Chap 3 Technical Background |
| 5 | 1.3.5.1.4 | Chap 4 Methodology |
| 5 | 1.3.5.1.5 | Chap 5 Results and Discussions |
| 5 | 1.3.5.1.6 | Chap 6 Conclusion |
| 4 | 1.3.5.2 | Updated Teaser Video |
| 4 | 1.3.5.3 | Powerpoint Deck |
| 4 | 1.3.5.4 | Final Presentation |
| 4 | 1.3.5.5 | Final Rubric |
| 4 | 1.3.5.6 | Improvement matrix |
| 4 | 1.3.5.7 | Revised Final paper |
| 4 | 1.3.5.8 | MCSPROJ Deliverables |
| 5 | 1.3.5.8.1 | Quality Management Plan |
| 5 | 1.3.5.8.2 | Change Management Plan |
| 5 | 1.3.5.8.3 | Contingency Plan |
| 5 | 1.3.5.8.4 | User Project Review |
| 5 | 1.3.5.8.5 | SRS |
| 5 | 1.3.5.8.6 | Test Case |
| 5 | 1.3.5.8.7 | Project Sway |
| 5 | 1.3.5.8.8 | Proofread Request |
| 2 | 1.4 | Documentation |
| 3 | 1.4.1 | Midterm Deliverables |
| 4 | 1.4.1.1 | Business Case |
| 4 | 1.4.1.2 | Project Charter |
| 4 | 1.4.1.3 | Stakeholders Management Strategy Plan |
| 4 | 1.4.1.4 | Scope Management Plan |
| 4 | 1.4.1.5 | Cost Management Plan |
| 4 | 1.4.1.6 | Time Management Plan |
| 4 | 1.4.1.7 | WBS |
| 4 | 1.4.1.8 | Work Packages |



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| 3 | 1.4.2 | Final Deliverables |
| 4 | 1.4.2.1 | Human Resource Management Processes |
| 4 | 1.4.2.2 | Quality Management Processes |
| 4 | 1.4.2.3 | Risk Management Processes |
| 4 | 1.4.2.4 | Communications Management Processes |
| 4 | 1.4.2.5 | Procurement Management Processes |
| 4 | 1.4.2.6 | Project Status Reports Distribution plan |
| 4 | 1.4.2.7 | Change Request Documentation |
| 4 | 1.4.2.8 | Project Execution Monitoring Report |
| 4 | 1.4.2.9 | Implementation Plan |
| 4 | 1.4.2.10 | Change Management plan |
| 4 | 1.4.2.11 | Project Status Reports |
| 4 | 1.4.2.12 | Transition-Out Plan |
| 4 | 1.4.2.13 | Project Turn Over Plan |
| 4 | 1.4.2.14 | Post Project Review Plan |
| 4 | 1.4.2.15 | Consolidated Project Plan |
| 2 | 1.5 | Development II |
| 3 | 1.5.1 | Midterm Deliverables |
| 4 | 1.5.1.1 | Week 1: Planning |
| 4 | 1.5.1.2 | Week 2: Analysis and User Requirements |
| 4 | 1.5.1.3 | Week 3: System Design - Back-end |
| 4 | 1.5.1.4 | Week 4: System Design - Back-end |
| 4 | 1.5.1.5 | Week 5: System Design - Back-end |
| 4 | 1.5.1.6 | Week 6: System Design - Back-end |
| 4 | 1.5.1.7 | Week 7: System Design - Back-end |
| 3 | 1.5.2 | Final Deliverables |
| 4 | 1.5.2.1 | Week 8: System Design - Back-end |
| 4 | 1.5.2.2 | Week 9: System Design - Back-end |
| 4 | 1.5.2.3 | Week 10: System Design - Back-end |
| 4 | 1.5.2.4 | Week 11: System Design - Back-end |
| 4 | 1.5.2.5 | Week 12: Testing |
| 4 | 1.5.2.6 | Week 13: Testing |
| 4 | 1.5.2.7 | Week 14: Go Live |



TABULAR VIEW

The tabular view of the Work Breakdown Structure (WBS) for Chubby Gourmet presents a clear and organized overview of the project by displaying all tasks and subtasks in a table format.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|-----------------------------------|-------------------------|---|--|--|
| 1. Chubby Gourmet Web Application | 1.1 Planning | 1.1.1 Project Preparation 1.1.2 Team Meetings 1.1.3 Midterm Deliverables 1.1.4 Prototype 1.1.5 Final Deliverables | 1.1.1.1 Creation of project group 1.1.1.2 Choose project/client 1.1.1.3 Choose adviser/consultant 1.1.1.4 Design Thinking 1 1.1.2.1 Client meeting 1 1.1.2.2 Adviser meeting 1 1.1.2.3 Client meeting 2 1.1.2.4 Adviser meeting 2 1.1.2.5 Adviser meeting 3 1.1.2.6 Client meeting 3 1.1.2.7 Adviser meeting 4 1.1.2.8 Adviser meeting 5 1.1.2.9 Adviser meeting 6 1.1.3.1 Project paper 1.1.3.2 Powerpoint Deck 1.1.3.3 Midterm Presentation 1.1.3.4 Comments matrix 1.1.3.5 Revised Midterm paper 1.1.4.1 Initial Low-Fidelity Prototype 1.1.5.1 Project paper 1.1.5.2 Teaser Video 1.1.5.3 Powerpoint Deck 1.1.5.4 Final Presentation 1.1.5.5 Comments matrix 1.1.5.6 Revised Final paper | 1.1.3.1.1 Chap 1 Introduction 1.1.3.1.2 Chap 2 RRL/RRS 1.1.3.1.3 Chap 3 Methodology 1.1.3.1.4 Chap 4 Results and Discussions 1.1.3.1.5 Chap 5 Conclusion 1.1.5.1.1 Chap 1 Introduction 1.1.5.1.2 Chap 2 RRL/RRS 1.1.5.1.3 Chap 3 Methodology 1.1.5.1.4 Chap 4 Results and Discussions 1.1.5.1.5 Chap 5 Conclusion |
| | 1.2 Analysis and Design | 1.2.1 Initial Deliverables 1.2.2 Team Meetings | 1.2.1.1 Submission of MNTSDEV Documents 1.2.1.2 Creation of Github Repository | 1.2.3.1.1 MVC 1.2.3.1.2 Event Table 1.2.3.1.3 Use Case Diagram |



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| | 1.2.3 Midterm Deliverables 1.2.4 Final Deliverables | 1.2.1.3 Choose Adviser/Consultant 1.2.2.1 Client meeting 1 1.2.2.2 Adviser meeting 1 1.2.2.3 Client meeting 2 1.2.2.4 Adviser meeting 2 1.2.2.5 Panelists meeting 1 1.2.2.6 Adviser meeting 3 1.2.2.7 Adviser meeting 4 1.2.3.1 Diagrams 1.2.3.2 Project paper 1.2.3.3 Updated Teaser Video 1.2.3.4 Powerpoint Deck 1.2.3.5 Midterm Presentation 1.2.3.6 Midterm Rubric 1.2.3.7 Comments matrix 1.2.3.8 Revised Midterm paper 1.2.4.1 Diagrams 1.2.4.2 Prototype 1.2.4.3 Project paper 1.2.4.4 Updated Teaser Video 1.2.4.5 Powerpoint Deck 1.2.4.6 Final Presentation 1.2.4.7 Final Rubric 1.2.4.8 Comments matrix 1.2.4.9 Revised Final paper | 1.2.3.1.4 Use Case Full Description 1.2.3.1.5 DFD 1.2.3.1.6 CFD 1.2.3.1.7 ERD 1.2.3.1.8 Activity Diagram 1.2.3.1.9 Object Diagram 1.2.3.1.10 Class Diagram 1.2.3.2.1 Chap 1 Introduction 1.2.3.2.2 Chap 2 RRL/RRS 1.2.3.2.3 Chap 3 Technical Background 1.2.3.2.4 Chap 4 Methodology 1.2.3.2.5 Chap 5 Results and Discussions 1.2.3.2.6 Chap 6 Conclusion 1.2.4.1.1 Sequence Diagram 1.2.4.1.2 State Machine Diagram 1.2.4.1.3 Package Diagram 1.2.4.1.4 Component Diagram 1.2.4.1.5 Deployment Diagram 1.2.4.1.6 Data Dictionary 1.2.4.2.1 Updated Low-Fidelity Prototype 1.2.4.3.1 Chap 1 Introduction 1.2.4.3.2 Chap 2 RRL/RRS 1.2.4.3.3 Chap 3 Technical Background 1.2.4.3.4 Chap 4 Methodology 1.2.4.3.5 Chap 5 Results and Discussions 1.2.4.3.6 Chap 6 Conclusion |
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| 1.3 Developm ent | 1.3.1 Initial Deliverables 1.3.2 Team Meetings 1.3.3 Releases 1.3.4 Midterm Deliverables 1.3.5 Final Deliverables | 1.3.1.1 Submission of MSSYADD1 Documents 1.3.1.2 Choose Adviser/Consultant 1.3.2.1 Client Meeting 1 1.3.2.2 Client Meeting 2 1.3.2.3 Adviser Meeting 1 1.3.3.1 Release 1 1.3.3.2 Release 2 1.3.4.1 Project paper 1.3.4.2 Updated Teaser Video 1.3.4.3 Powerpoint Deck 1.3.4.4 Midterm Presentation 1.3.4.5 Midterm Rubric 1.3.4.6 Improvement matrix 1.3.4.7 Revised Midterm paper 1.3.4.8 MCSPROJ Deliverables 1.3.5.1 Project paper 1.3.5.2 Updated Teaser Video 1.3.5.3 Powerpoint Deck 1.3.5.4 Final Presentation 1.3.5.5 Final Rubric 1.3.5.6 Improvement matrix 1.3.5.7 Revised Final paper 1.3.5.8 MCSPROJ Deliverables | 1.3.4.1.1 Chap 1 Introduction 1.3.4.1.2 Chap 2 RRL/RRS 1.3.4.1.3 Chap 3 Technical Background 1.3.4.1.4 Chap 4 Methodology 1.3.4.1.5 Chap 5 Results and Discussions 1.3.4.1.6 Chap 6 Conclusion 1.3.5.1.1 Chap 1 Introduction 1.3.5.1.2 Chap 2 RRL/RRS 1.3.5.1.3 Chap 3 Technical Background 1.3.5.1.4 Chap 4 Methodology 1.3.5.1.5 Chap 5 Results and Discussions 1.3.5.1.6 Chap 6 Conclusion 1.3.4.8.1 Vision and Scope Documentations 1.3.4.8.2 Gantt Chart 1.3.4.8.3 WBS 1.3.4.8.4 Activity List 1.3.4.8.5 Project Charter 1.3.4.8.6 Statement of Work 1.3.5.8.1 Quality Management Plan 1.3.5.8.2 Change Management Plan 1.3.5.8.3 Contingency Plan 1.3.5.8.4 User Project Review 1.3.5.8.5 SRS 1.3.5.8.6 Test Case 1.3.5.8.7 Project Sway 1.3.5.8.8 Proofread Request |
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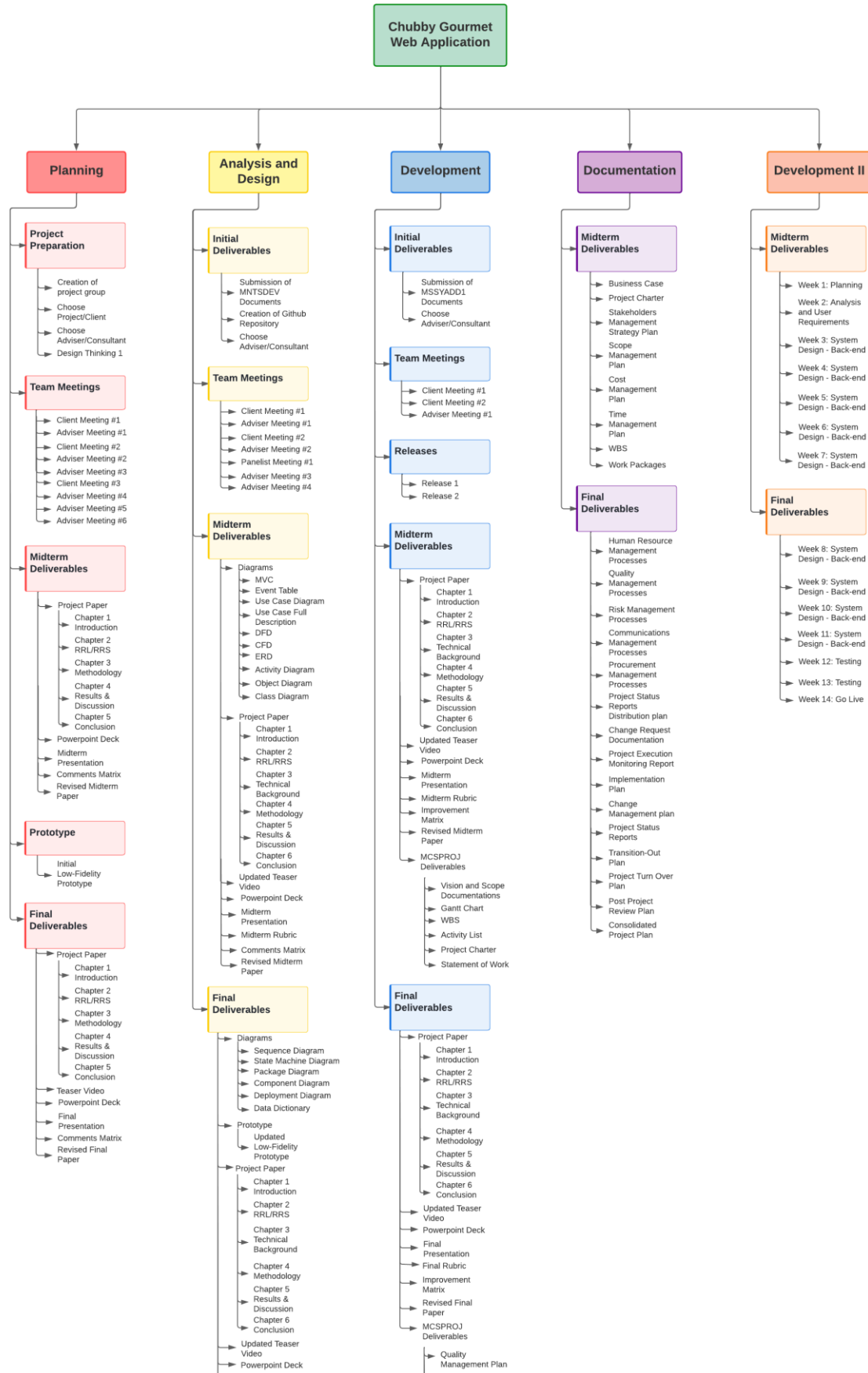
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| 1.4 Document ation | 1.4.1 Midterm Deliverables 1.4.2 Final Deliverables | 1.4.1.1 Business Case 1.4.1.2 Project Charter 1.4.1.3 Stakeholders Management Strategy Plan 1.4.1.4 Scope Management Plan 1.4.1.5 Cost Management Plan 1.4.1.6 Time Management Plan 1.4.1.7 WBS 1.4.1.8 Work Packages 1.4.2.1 Human Resource Management Processes 1.4.2.2 Quality Management Processes 1.4.2.3 Risk Management Processes 1.4.2.4 Communications Management Processes 1.4.2.5 Procurement Management Processes 1.4.2.6 Project Status Reports Distribution plan 1.4.2.7 Change Request Documentation 1.4.2.8 Project Execution Monitoring Report 1.4.2.9 Implementation Plan 1.4.2.10 Change Management plan 1.4.2.11 Project Status Reports 1.4.2.12 Transition-Out Plan 1.4.2.13 Project Turn Over Plan 1.4.2.14 Post Project Review Plan 1.4.2.15 Consolidated Project Plan | |
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| | 1.5 Developm ent II | 1.5.1 Midterm Deliverables 1.5.2 Final Deliverables | 1.5.1.1 Week 1: Planning 1.5.1.2 Week 2: Analysis and User Requirements 1.5.1.3 Week 3: System Design - Back-end 1.5.1.4 Week 4: System Design - Back-end 1.5.1.5 Week 5: System Design - Back-end 1.5.1.6 Week 6: System Design - Back-end 1.5.1.7 Week 7: System Design - Back-end 1.5.2.1 Week 8: System Design - Back-end 1.5.2.2 Week 9: System Design - Back-end 1.5.2.3 Week 10: System Design - Back-end 1.5.2.4 Week 11: System Design - Back-end 1.5.2.5 Week 12: Testing 1.5.2.6 Week 13: Testing 1.5.2.7 Week 12: Go Live | |
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TREE STRUCTURE VIEW

The Tree Structure view provides an intuitive and easy-to-understand visual representation of the project's hierarchical structure, showing how each element contributes to the project as a whole.





WBS DICTIONARY

The Work Breakdown Structure (WBS) Dictionary is a companion document to the WBS that provides a comprehensive list of all the tasks, sub-tasks, and work packages included in the project. The WBS Dictionary contains important information such as the description of each work package and the estimated duration. It serves as a reference guide for the project team, ensuring that everyone is on the same page regarding the project's scope and objectives. A well-developed WBS Dictionary is essential for project management and helps to ensure that the project stays on track and is completed within the schedule.

| Level | WBS Code | Element Name | Definition | Estimated Duration |
|-------|----------|--------------------------------|--|--------------------|
| 1 | 1 | Chubby Gourmet Web Application | Proposed web application system | - |
| 2 | 1.1 | Planning | The work for the planning process for the project. | 79 days |
| 3 | 1.1.1 | Project Preparation | Preparing for MNTSDEV deliverables. | 21 days |
| 4 | 1.1.1.1 | Creation of project group | Forming a team who will work together to achieve the project's objectives. | 1 day |
| 4 | 1.1.1.2 | Choose project/client | Selecting a client that the team will focus on and deliver the end product to. | 19 days |
| 4 | 1.1.1.3 | Choose adviser/consultant | Selecting an adviser to provide guidance and expertise throughout the project. | 20 days |
| 4 | 1.1.1.4 | Design Thinking 1 | Understanding the user's needs and perspectives. | 1 day |
| 3 | 1.1.2 | Team Meetings | Scheduled meetings of project team members to discuss progress. | 59 days |
| 4 | 1.1.2.1 | Client meeting 1 | First meeting with the client to discuss project requirements and goals. | 1 day |
| 4 | 1.1.2.2 | Adviser meeting 1 | First meeting with the adviser. | 1 day |
| 4 | 1.1.2.3 | Client meeting 2 | Second meeting with the client to review and approve project plan. | 1 day |



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| 4 | 1.1.2.4 | Adviser meeting 2 | Second meeting with the adviser. | 1 day |
| 4 | 1.1.2.5 | Adviser meeting 3 | Third meeting with the adviser. | 1 day |
| 4 | 1.1.2.6 | Client meeting 3 | Third meeting with the client to review project status and provide updates. | 1 day |
| 4 | 1.1.2.7 | Adviser meeting 4 | Fourth meeting with the adviser. | 1 day |
| 4 | 1.1.2.8 | Adviser meeting 5 | Fifth meeting with the adviser. | 1 day |
| 4 | 1.1.2.9 | Adviser meeting 6 | Sixth meeting with the adviser. | 1 day |
| 3 | 1.1.3 | Midterm Deliverables | Preparing MNTSDEV Midterm Deliverables. | 19 days |
| 4 | 1.1.3.1 | Project paper | Documenting MNTSDEV Midterm Deliverables. | 15 days |
| 5 | 1.1.3.1.1 | Chap 1 Introduction | This chapter provides an overview of the project and its objectives. | 6 days |
| 5 | 1.1.3.1.2 | Chap 2 RRL/RRS | This chapter includes a review of related literature and research studies related to the project. | 8 days |
| 5 | 1.1.3.1.3 | Chap 3 Methodology | This chapter outlines the approach, methods, and tools used to conduct the project. | 8 days |
| 5 | 1.1.3.1.4 | Chap 4 Results and Discussions | This chapter presents the findings and outcomes of the project. | 8 days |
| 5 | 1.1.3.1.5 | Chap 5 Conclusion | This chapter summarizes the project and its results. | 15 days |
| 4 | 1.1.3.2 | Powerpoint Deck | Powerpoint presentation for Midterm defense. | 2 days |
| 4 | 1.1.3.3 | Midterm Presentation | Presentation of MNTSDEV midterm progress. | 1 day |
| 4 | 1.1.3.4 | Comments matrix | Feedback and comments received from panelists. | 1 day |
| 4 | 1.1.3.5 | Revised Midterm paper | Reviewed and revised midterm paper based on panelists' comments. | 0 day |
| 3 | 1.1.4 | Prototype | Preliminary model of the web app to test its functionality and design. | 6 days |
| 4 | 1.1.4.1 | Initial Low-Fidelity Prototype | Basic version of the web app to test its functionality and user experience. | 6 days |



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| 3 | 1.1.5 | Final Deliverables | Preparing MNTSDEV Final Deliverables. | 12 days |
| 4 | 1.1.5.1 | Project paper | Documenting MNTSDEV Final Deliverables. | 12 days |
| 5 | 1.1.5.1.1 | Chap 1 Introduction | Updated Chapter 1 Introduction | 6 days |
| 5 | 1.1.5.1.2 | Chap 2 RRL/RRS | Updated Chapter 2 RRL/RRS | 6 days |
| 5 | 1.1.5.1.3 | Chap 3 Methodology | Updated Chapter 3 Methodology | 11 days |
| 5 | 1.1.5.1.4 | Chap 4 Results and Discussions | Updated Chapter 4 Results and Discussions | 11 days |
| 5 | 1.1.5.1.5 | Chap 5 Conclusion | Updated Chapter 5 Conclusion | 12 days |
| 4 | 1.1.5.2 | Teaser Video | Video that summarizes the entire MNTSDEV deliverables. | 5 days |
| 4 | 1.1.5.3 | Powerpoint Deck | Powerpoint presentation for Final defense. | 1 day |
| 4 | 1.1.5.4 | Final Presentation | Presentation of MNTSDEV Final progress. | 2 days |
| 4 | 1.1.5.5 | Comments matrix | Feedback and comments received from panelists. | 2 days |
| 4 | 1.1.5.6 | Revised Final paper | Reviewed and revised final paper based on panelists' comments. | 0 day |
| 2 | 1.2 | Analysis and Design | Gathering requirements, identifying solutions, and creating a plan for the development of the Chubby Gourmet web application. | 79 days |
| 3 | 1.2.1 | Initial Deliverables | First set of items of MSYADD1 to be completed for the project. | 18 days |
| 4 | 1.2.1.1 | Submission of MNTSDEV Documents | Providing revised MNTSDEV documents. | 1 day |
| 4 | 1.2.1.2 | Creation of Github Repository | Creation of a GitHub repository for the project's source code and related files. | 1 day |
| 4 | 1.2.1.3 | Choose Adviser/Consultant | Selecting an adviser to provide guidance and expertise throughout the project. | 18 days |
| 3 | 1.2.2 | Team Meetings | Scheduled meetings of project team members to discuss progress. | 57 days |



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| 4 | 1.2.2.1 | Client meeting 1 | First meeting with the client regarding the updates to our MNTSDEV deliverables. | 1 day |
| 4 | 1.2.2.2 | Adviser meeting 1 | First meeting with the adviser. | 1 day |
| 4 | 1.2.2.3 | Client meeting 2 | Second meeting with the client. | 1 day |
| 4 | 1.2.2.4 | Adviser meeting 2 | Second meeting with the adviser. | 1 day |
| 4 | 1.2.2.5 | Panelists meeting 1 | Meeting with the panelists regarding the MNTSDEV documents. | 1 day |
| 4 | 1.2.2.6 | Adviser meeting 3 | Third meeting with the adviser. | 1 day |
| 4 | 1.2.2.7 | Adviser meeting 4 | Fourth meeting with the adviser. | 1 day |
| 3 | 1.2.3 | Midterm Deliverables | Preparing MSYADD1 Midterm Deliverables. | 46 days |
| 4 | 1.2.3.1 | Diagrams | Preparing MSYADD1 Diagrams. | 27 days |
| 5 | 1.2.3.1.1 | MVC | Architectural pattern that separates an application into three interconnected components: Model, View, and Controller. | 2 days |
| 5 | 1.2.3.1.2 | Event Table | A table that lists all the events in the system. | 16 days |
| 5 | 1.2.3.1.3 | Use Case Diagram | A visual representation of the interactions between actors and the system under various scenarios. | 16 days |
| 5 | 1.2.3.1.4 | Use Case Full Description | A detailed description of the steps involved in each use case scenario. | 16 days |
| 5 | 1.2.3.1.5 | DFD | A graphical representation of the flow of data through an information system, showing how data enters and exits the system. | 16 days |
| 5 | 1.2.3.1.6 | CFD | A diagram that shows the relationship between different data elements in a system. | 16 days |
| 5 | 1.2.3.1.7 | ERD | A graphical representation of entities and their relationships to each other in a database. | 16 days |
| 5 | 1.2.3.1.8 | Activity Diagram | A visual representation of the workflow of the proposed system, | 8 days |



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| | | | showing the steps, decision points, and flows of control. | |
| 5 | 1.2.3.1.9 | Object Diagram | A diagram that shows a snapshot of the objects and their relationships in the system at a particular point in time. | 8 days |
| 5 | 1.2.3.1.10 | Class Diagram | A diagram that shows the classes in a system and their relationships to each other. | 8 days |
| 4 | 1.2.3.2 | Project paper | Documenting MSYADD1 Midterm Deliverables. | 6 days |
| 5 | 1.2.3.2.1 | Chap 1 Introduction | Updated Chapter 1 Introduction | 6 days |
| 5 | 1.2.3.2.2 | Chap 2 RRL/RRS | Updated Chapter 2 RRL/RRS | 6 days |
| 5 | 1.2.3.2.3 | Chap 3 Technical Background | This chapter provides an overview of the technical aspects of the project. | 6 days |
| 5 | 1.2.3.2.4 | Chap 4 Methodology | Updated Chapter 4 Methodology | 6 days |
| 5 | 1.2.3.2.5 | Chap 5 Results and Discussions | Updated Chapter 5 Results and Discussions | 6 days |
| 5 | 1.2.3.2.6 | Chap 6 Conclusion | Updated Chapter 6 Conclusion | 6 days |
| 4 | 1.2.3.3 | Updated Teaser Video | Video that summarizes the entire deliverables. | 1 day |
| 4 | 1.2.3.4 | Powerpoint Deck | Powerpoint presentation for Midterm defense. | 1 day |
| 4 | 1.2.3.5 | Midterm Presentation | Presentation of MSYADD1 midterm progress. | 1 day |
| 4 | 1.2.3.6 | Midterm Rubric | Evaluating the progress and quality of the students' work halfway through the project. | 1 day |
| 4 | 1.2.3.7 | Comments matrix | Feedback and comments received from panelists. | 6 days |
| 4 | 1.2.3.8 | Revised Midterm paper | Reviewed and revised midterm paper based on panelists' comments. | 0 day |
| 3 | 1.2.4 | Final Deliverables | Preparing MSYADD1 Final Deliverables. | 26 days |
| 4 | 1.2.4.1 | Diagrams | Preparing MSYADD1 Diagrams. | 21 days |



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| 5 | 1.2.4.1.1 | Sequence Diagram | A diagram that shows the interactions and order of events between objects in a system or process. | 21 days |
| 5 | 1.2.4.1.2 | State Machine Diagram | A diagram that models the behavior of a system by showing the different states that an object can be in and how it transitions between those states. | 21 days |
| 5 | 1.2.4.1.3 | Package Diagram | A diagram that shows how the various components and packages of a system are organized and how they relate to each other. | 21 days |
| 5 | 1.2.4.1.4 | Component Diagram | A diagram that shows the components and their dependencies in a system. | 21 days |
| 5 | 1.2.4.1.5 | Deployment Diagram | A diagram that shows how a software system is deployed on physical hardware. | 21 days |
| 5 | 1.2.4.1.6 | Data Dictionary | A document that describes the data elements used in the system. | 21 days |
| 4 | 1.2.4.2 | Prototype | Updated preliminary model of the web app to test its functionality and design. | 21 days |
| 5 | 1.2.4.2.1 | Updated Low-Fidelity Prototype | Updated prototype version of the web app to test its functionality and user experience | 21 days |
| 4 | 1.2.4.3 | Project paper | Documenting MSYADD1 Final Deliverables. | 14 days |
| 5 | 1.2.4.3.1 | Chap 1 Introduction | Updated Chapter 1 Introduction | 5 days |
| 5 | 1.2.4.3.2 | Chap 2 RRL/RRS | Updated Chapter 2 RRL/RRS | 5 days |
| 5 | 1.2.4.3.3 | Chap 3 Technical Background | Updated Chapter 3 Technical Background | 14 days |
| 5 | 1.2.4.3.4 | Chap 4 Methodology | Updated Chapter 4 Methodology | 5 days |
| 5 | 1.2.4.3.5 | Chap 5 Results and Discussions | Updated Chapter 5 Results and Discussions | 5 days |
| 5 | 1.2.4.3.6 | Chap 6 Conclusion | Updated Chapter 6 Conclusion | 14 days |



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| 4 | 1.2.4.4 | Updated Teaser Video | Video that summarizes the entire deliverables. | 1 day |
| 4 | 1.2.4.5 | Powerpoint Deck | Powerpoint presentation for Final defense. | 1 day |
| 4 | 1.2.4.6 | Final Presentation | Presentation of MSYADD1 final progress. | 1 day |
| 4 | 1.2.4.7 | Final Rubric | Evaluating the progress and quality of the students' work halfway through the project. | 1 day |
| 4 | 1.2.4.8 | Comments matrix | Feedback and comments received from panelists. | 1 day |
| 4 | 1.2.4.9 | Revised Final paper | Reviewed and revised final paper based on panelists' comments. | 0 day |
| 2 | 1.3 | Development | Creating, designing, and building the web application for Chubby Gourmet. | 91 days |
| 3 | 1.3.1 | Initial Deliverables | First set of items of MCSPROJ to be completed for the project. | 4 days |
| 4 | 1.3.1.1 | Submission of MSSYADD1 Documents | Providing revised MSSYADD1 documents. | 4 days |
| 4 | 1.3.1.1 | Choose Adviser/Consultant | Selecting an adviser to provide guidance and expertise throughout the project. | 1 day |
| 3 | 1.3.2 | Team Meetings | Scheduled meetings of project team members to discuss progress. | 16 days |
| 4 | 1.3.2.1 | Client Meeting 1 | First meeting with the client regarding the updates to our MSYADD1 deliverables. | 1 day |
| 4 | 1.3.2.2 | Client Meeting 2 | Second meeting with the client. | 1 day |
| 4 | 1.3.2.3 | Adviser Meeting 1 | First meeting with the adviser. | 1 day |
| 3 | 1.3.3 | Releases | Periodic deployment of updates of the Chubby Gourmet web application. | 77 days |
| 4 | 1.3.3.1 | Release 1 | The initial version of the Chubby Gourmet web application. | 22 days |
| 4 | 1.3.3.2 | Release 2 | The updated version of the Chubby Gourmet web application. | 29 days |



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| 3 | 1.3.4 | Midterm Deliverables | Preparing MCSPROJ Midterm Deliverables. | 52 days |
| 4 | 1.3.4.1 | Project paper | Documenting MCSPROJ Midterm Deliverables. | 15 days |
| 5 | 1.3.4.1.1 | Chap 1 Introduction | Updated Chapter 1 Introduction | 15 days |
| 5 | 1.3.4.1.2 | Chap 2 RRL/RRS | Updated Chapter 2 RRL/RRS | 15 days |
| 5 | 1.3.4.1.3 | Chap 3 Technical Background | Updated Chapter 3 Technical Background | 15 days |
| 5 | 1.3.4.1.4 | Chap 4 Methodology | Updated Chapter 4 Methodology | 15 days |
| 5 | 1.3.4.1.5 | Chap 5 Results and Discussions | Updated Chapter 5 Results and Discussions | 15 days |
| 5 | 1.3.4.1.6 | Chap 6 Conclusion | Updated Chapter 6 Conclusion | 15 days |
| 4 | 1.3.4.2 | Updated Teaser Video | Video that summarizes the entire deliverables. | 2 days |
| 4 | 1.3.4.3 | Powerpoint Deck | Powerpoint presentation for Midterm defense. | 2 days |
| 4 | 1.3.4.4 | Midterm Presentation | Presentation of MCSPROJ midterm progress. | 1 day |
| 4 | 1.3.4.5 | Midterm Rubric | Evaluating the progress and quality of the students' work halfway through the project. | 1 day |
| 4 | 1.3.4.6 | Improvement matrix | Feedback and comments received from panelists about improvement opportunities in the project. | 4 days |
| 4 | 1.3.4.7 | Revised Midterm paper | Reviewed and revised midterm paper based on panelists' comments. | 0 day |
| 4 | 1.3.4.8 | MCSPROJ Deliverables | Subject outputs that are expected to be produced by the developers. | 43 days |
| 5 | 1.3.4.8.1 | Vision and Scope Documentations | It defines the overall vision, goals, objectives, and scope of the Chubby Gourmet web application. | 43 days |
| 5 | 1.3.4.8.2 | Gantt Chart | A visual representation of the project schedule, displaying tasks and their duration over time. | 38 days |
| 5 | 1.3.4.8.3 | WBS | A hierarchical breakdown of the project's work and deliverables | 35 days |



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| | | | into smaller, more manageable components. | |
| 5 | 1.3.4.8.4 | Activity List | A list of all project activities, including their duration, dependencies, and resource requirements. | 29 days |
| 5 | 1.3.4.8.5 | Project Charter | A document that formally authorizes the project, defines its objectives, and assigns roles and responsibilities to the project team. | 29 days |
| 5 | 1.3.4.8.6 | Statement of Work | A document that describes in detail the scope of work, deliverables, and requirements for a project. | 29 days |
| 3 | 1.3.5 | Final Deliverables | Preparing MCSPROJ Final Deliverables. | 38 days |
| 4 | 1.3.5.1 | Project paper | Dosumenting MCSPROJ Final Deliverables. | 9 days |
| 5 | 1.3.5.1.1 | Chap 1 Introduction | Updated Chapter 1 Introduction | 9 days |
| 5 | 1.3.5.1.2 | Chap 2 RRL/RRS | Updated Chapter 2 RRL/RRS | 9 days |
| 5 | 1.3.5.1.3 | Chap 3 Technical Background | Updated Chapter 3 Technical Background | 9 days |
| 5 | 1.3.5.1.4 | Chap 4 Methodology | Updated Chapter 4 Methodology | 9 days |
| 5 | 1.3.5.1.5 | Chap 5 Results and Discussions | Updated Chapter 5 Results and Discussions | 9 days |
| 5 | 1.3.5.1.6 | Chap 6 Conclusion | Updated Chapter 6 Conclusion | 9 days |
| 4 | 1.3.5.2 | Updated Teaser Video | Video that summarizes the entire deliverables. | 1 day |
| 4 | 1.3.5.3 | Powerpoint Deck | Powerpoint presentation for Final defense. | 1 day |
| 4 | 1.3.5.4 | Final Presentation | Presentation of MCSPROJ final progress. | 1 day |
| 4 | 1.3.5.5 | Final Rubric | Evaluating the progress and quality of the students' work halfway through the project. | 1 day |



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| 4 | 1.3.5.6 | Improvement matrix | Feedback and comments received from panelists about improvement opportunities in the project. | 5 days |
| 4 | 1.3.5.7 | Revised Final paper | Reviewed and revised final paper based on panelists' comments. | 0 day |
| 4 | 1.3.5.8 | MCSPROJ Deliverables | Subject outputs that are expected to be produced by the developers. | 15 days |
| 5 | 1.3.5.8.1 | Quality Management Plan | A plan that outlines the processes and procedures to ensure the quality of the project deliverables. | 15 days |
| 5 | 1.3.5.8.2 | Change Management Plan | A plan that defines how changes to the project scope will be managed, controlled, and communicated. | 15 days |
| 5 | 1.3.5.8.3 | Contingency Plan | A plan that outlines the course of action to be taken if certain identified risks occur during the project. | 15 days |
| 5 | 1.3.5.8.4 | User Project Review | A review process where the user provides feedback on the project deliverables and the overall user experience. | 15 days |
| 5 | 1.3.5.8.5 | SRS | A document that outlines the functional and non-functional requirements of the software being developed. | 15 days |
| 5 | 1.3.5.8.6 | Test Case | A set of conditions used to determine if the system meets its intended requirements and functions correctly. | 15 days |
| 5 | 1.3.5.8.7 | Project Sway | Interactive web-based presentation of Chubby Gourmet web application. | 15 days |
| 5 | 1.3.5.8.8 | Proofread Request | Requesting a proofread to the adviser to ensure that the documentation is free of errors and mistakes. | 0 day |
| 2 | 1.4 | Documentation | Creation of project documents, such as plans and processes. | 69 days |



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| 3 | 1.4.1 | Midterm Deliverables | Preparing PROJMAN Midterm Deliverables. | 32 days |
| 4 | 1.4.1.1 | Business Case | A document that justifies the need for the project and outlines its expected benefits and costs. | 19 days |
| 4 | 1.4.1.2 | Project Charter | Updated Project Charter. | 19 days |
| 4 | 1.4.1.3 | Stakeholders Management Strategy Plan | A plan that outlines how the developers will manage the needs and expectations of stakeholders. | 19 days |
| 4 | 1.4.1.4 | Scope Management Plan | A plan that outlines how the developers will define, validate, and control the project scope. | 11 days |
| 4 | 1.4.1.5 | Cost Management Plan | A plan that outlines how costs will be estimated, budgeted, and controlled throughout the project. | 11 days |
| 4 | 1.4.1.6 | Time Management Plan | A plan that outlines how the project schedule will be developed, monitored, and controlled. | 11 days |
| 4 | 1.4.1.7 | WBS | Updated Work Breakdown Structure | 11 days |
| 4 | 1.4.1.8 | Work Packages | A small unit of work that can be assigned, estimated, and tracked in the project management process. | 11 days |
| 3 | 1.4.2 | Final Deliverables | Preparing PROJMAN Final Deliverables. | 29 days |
| 4 | 1.4.2.1 | Human Resource Management Processes | - | 15 days |
| 4 | 1.4.2.2 | Quality Management Processes | - | 15 days |
| 4 | 1.4.2.3 | Risk Management Processes | - | 15 days |
| 4 | 1.4.2.4 | Communications Management Processes | - | 15 days |
| 4 | 1.4.2.5 | Procurement Management Processes | - | 15 days |



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| 4 | 1.4.2.6 | Project Status Reports Distribution plan | - | 4 days |
| 4 | 1.4.2.7 | Change Request Documentation | - | 4 days |
| 4 | 1.4.2.8 | Project Execution Monitoring Report | - | 4 days |
| 4 | 1.4.2.9 | Implementation Plan | - | 4 days |
| 4 | 1.4.2.10 | Change Management plan | - | 4 days |
| 4 | 1.4.2.11 | Project Status Reports | - | 4 days |
| 4 | 1.4.2.12 | Transition-Out Plan | - | 4 days |
| 4 | 1.4.2.13 | Project Turn Over Plan | - | 4 days |
| 4 | 1.4.2.14 | Post Project Review Plan | - | 4 days |
| 4 | 1.4.2.15 | Consolidated Project Plan | - | 4 days |
| 2 | 1.5 | Development II | - | 69 days |
| 3 | 1.5.1 | Midterm Deliverables | - | 34 days |
| 4 | 1.5.1.1 | Week 1: Planning | - | 4 days |
| 4 | 1.5.1.2 | Week 2: Analysis and User Requirements | - | 4 days |
| 4 | 1.5.1.3 | Week 3: System Design - Back-end | - | 4 days |
| 4 | 1.5.1.4 | Week 4: System Design - Back-end | - | 4 days |
| 4 | 1.5.1.5 | Week 5: System Design - Back-end | - | 4 days |
| 4 | 1.5.1.6 | Week 6: System Design - Back-end | - | 5 days |
| 4 | 1.5.1.7 | Week 7: System Design - Back-end | - | 5 days |



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| 3 | 1.5.2 | Final Deliverables | - | 35 days |
| 4 | 1.5.2.1 | Week 8: System Design - Back-end | - | 5 days |
| 4 | 1.5.2.2 | Week 9: System Design - Back-end | - | 5 days |
| 4 | 1.5.2.3 | Week 10: System Design - Back-end | - | 5 days |
| 4 | 1.5.2.4 | Week 11: System Design - Back-end | - | 5 days |
| 4 | 1.5.2.5 | Week 12: Testing | - | 5 days |
| 4 | 1.5.2.6 | Week 13: Testing | - | 5 days |
| 4 | 1.5.2.7 | Week 14: Go Live | - | 5 days |

GLOSSARY OF TERMS

The Glossary of Terms for the Work Breakdown Structure (WBS) of Chubby Gourmet provides clear definitions and explanations of technical terms and acronyms used within the WBS, helping stakeholders better understand the project's language and concepts.

| Term | Definition |
|--------------------------------|---|
| Work Breakdown Structure (WBS) | A hierarchical representation of the project's tasks and deliverables, broken down into sub-tasks and work packages. |
| Project Planning | The initial phase of the project that involves defining project scope, objectives, and resources needed. |
| Analysis and Design | Gathering requirements, identifying solutions, and creating a plan for the development of the Chubby Gourmet web application. |
| Development | Creating, designing, and building the web application for Chubby Gourmet. |
| Documentation | Creation of project documents, such as plans and processes. |
| Development II | Additional development phase for improvements and upgrades of the Chubby Gourmet web application. |
| Sub-Phases | Smaller divisions within each major phase of the project. |
| Project Owner | The person responsible for overseeing the project's progress and ensuring that the project goals are met. |
| Hierarchy | A system of organizing tasks and deliverables into levels that are specific and detailed. |



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|---------------------|--|
| Tabular View | A table format that presents all tasks and subtasks in an organized overview. |
| Tree Structure View | A visual representation of the project's hierarchical structure. |
| WBS Dictionary | A companion document to the WBS that provides a comprehensive list of all the tasks, sub-tasks, and work packages included in the project. |

