

| | Name | Duration | Start | Finish | Predecessors | Resource Names | Notes |
|----|---|-----------------|-------------------|-------------------|--------------|----------------|-------------------|
| 1 | FHF | 106 days | 6/9/2022 | 19/12/2022 | | | |
| 2 | Project Start | 0 days | 6/9/2022 | 6/9/2022 | | | |
| 3 | Initiation (Stage 1) | 19 days | 6/9/2022 | 25/9/2022 | | | Week 1-2-3 |
| 4 | Meeting teacher | 2 hours | 6/9/2022 | 6/9/2022 | 3 | | |
| 5 | Meet with Client | 4 hours | 7/9/2022 | 7/9/2022 | 5 | | |
| 6 | Collect Administrative Unit Data | 2 days | 8/9/2022 | 10/9/2022 | 6 | | |
| 7 | Prepare Report 1 | 14 days | 10/9/2022 | 24/9/2022 | 7 | | |
| 8 | Design Database | 11 days | 7/9/2022 | 18/9/2022 | 8SS | | |
| 9 | Learn Angular, nodejs, draw.io, figma | 11 days | 7/9/2022 | 18/9/2022 | 3 | | |
| 10 | Draw Screen Wireframe | 2 days | 18/9/2022 | 20/9/2022 | 7 | | |
| 11 | Draw Use Case Diagram | 23days | 20/9/2022 | 23/9/2022 | 7 | | |
| 12 | Draw Screen Mockup | 1 day | 23/9/2022 | 24/9/2022 | 10 | | |
| 13 | Code: Test Connection between Projects | 1 day | 24/9/2022 | 25/9/2022 | 13 | | |
| 14 | Deliver Report 1 (Project Introduction) | 1 day | 24/9/2022 | 25/9/2022 | 8 | | |
| 15 | Planning & Requirement (Stage 2) | 7 days | 26/9/2022 | 2/10/2022 | | | |
| 16 | Project Planning | 5 days | | | | | |
| 17 | Prepare Project Plan | 4 days | 26/9/2022 | 30/9/2022 | 15 | | |
| 18 | Deliver Report2 | 1 day | 30/9/2022 | 1/10/2022 | 18 | | |
| 19 | Project Preparing | 1 day | 24/9/2022 | 25/9/2022 | | | |
| 20 | Create Technical Prototype | 1 day | 24/9/2022 | 25/9/2022 | | | |
| 21 | Requirement Analyzing | 3 days | 30/9/2022 | 2/10/2022 | | | Week 4-5 |
| 22 | Write SRS | 3 days | 30/9/2022 | 2/10/2022 | 15+ 5days | | |
| 23 | Update Project Plan | 0 days | 2/10/2022 | 2/10/2022 | 23FS-2 days | | |
| 24 | Deliver Report3 | 0 days | 2/10/2022 | 2/10/2022 | 23;24 | | |
| 25 | Software Designing (Stage 3) | 16 days | 30/9/2022 | 16/10/2022 | | | Week 5-6 |
| 26 | Write SDS | 10 days | 30/9/2022 | 10/10/2022 | 15 | | |
| 27 | Update Project Plan | 5 days | 10/10/2022 | 15/10/2022 | 27 | | |
| 28 | Deliver Report4 | 1 day | 15/10/2022 | 16/10/2022 | 28 | | |
| 29 | Implementation (Stage 4) | 61 days | 17/10/2022 | 17/12/2022 | | | Week 7-12 |
| 30 | Code Iteration 1 | 13 days | 17/10/2022 | 30/10/2022 | | | |
| 31 | Update SRS & SDS (Iteration 1) | 3 days | 17/10/2022 | 21/10/2022 | 29 | | |
| 32 | Create Test Cases (Iteration 1) | 3 days | 22/10/2022 | 25/10/2022 | 32 | | |
| 33 | Code, UT, IT for Iteration 1 | 7 days | 22/10/2022 | 29/10/2022 | 33SS | | |

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|----|--|----------------|-------------------|-------------------|-------------|--|-------------------|
| 34 | Complete Software Package 1 | 0 days | 30/10/2022 | 30/10/2022 | 32;33;34 | | |
| 35 | Code Iteration 2 | 43 days | 31/10/2022 | 12/12/2022 | | | |
| 36 | Update SRS & SDS (Iteration 2) | 5 days | 31/10/2022 | 4/11/2022 | 35 | | |
| 37 | Create Test Cases (Iteration 2) | 32 days | 9/11/2022 | 12/11/2022 | 37 | | |
| 38 | Code, UT, IT for Iteration 2 | 32 days | 9/11/2022 | 11/12/2022 | 38SS | | |
| 39 | Complete Software Package 2 | 1 day | 11/12/2022 | 11/12/2022 | 39 | | |
| 40 | Deliver Report5 (Test Report) | 0 days | 12/12/2022 | 12/12/2022 | 37;38;39 | | |
| 41 | Verification (Stage 5) | 5 days | 12/12/2022 | 17/12/2022 | | | Week 13-14 |
| 42 | Execute ST & Fix Bugs | 5 days | 12/12/2022 | 17/12/2022 | 41 | | |
| 43 | Prepare for Deployment | 5 days | 12/12/2022 | 17/12/2022 | 41 | | |
| 44 | Update Project Documents | 5 days | 12/12/2022 | 17/12/2022 | 41 | | |
| 45 | Complete Full Software Package | 0 days | 17/12/2022 | 17/12/2022 | 43;44;45 | | |
| 46 | Transition (Stage 6) | 12 days | 17/12/2022 | 18/12/2022 | | | Week 14-15 |
| 47 | Software Optimization | 2 days | | | | | |
| 48 | Optimize/Refactor Codes | 2 days | 17/12/2022 | 18/12/2022 | 46 | | |
| 49 | Execute UAT & Fix Bugs | 2 days | 17/12/2022 | 18/12/2022 | 46 | | |
| 50 | Deploy Final Code | 2 days | 17/12/2022 | 18/12/2022 | 46 | | |
| 51 | User Guides | 7 days | 12/12/2022 | 19/12/2022 | | | Week 13-15 |
| 52 | Prepare User Guides | 5 days | 12/12/2022 | 17/12/2022 | 41 | | |
| 53 | Deliver Report6 (User Guides) | 0 days | 17/12/2022 | 17/12/2022 | 53 | | |
| 54 | Preapre Final Project Report | 2 days | 16/12/2022 | 18/12/2022 | 54FS -1day | | |
| 55 | Prepare Thesis Presentation | 1 day | 18/12/2022 | 19/12/2022 | 55 | | |
| 56 | Deliver Report7 (Final Project Report) | 1 day | 18/12/2022 | 19/12/2022 | 48;52;55;56 | | |