

FYP-II Timeline

Group # 5

Route and Delivery Package Optimization System

Project Timeline

No.	Elapsed Time	Task	Milestones	Chapters/Deliverables
1	Week 1	Timeline of FYP-II, Develop Locations data generation app, Introduction Chapter		Timeline
2	Week 2	Data Balancing	Get equivalent data for each feature	Chapter 1
3	Week 3	Feature Selection, Literature Review	Select features to be used	
4	Week 4	Formulate Objective and Fitness Functions	Design objective and fitness functions	Objective and Fitness Functions, Chapter 2
5	Week 5	Design Optimization Algorithm: Framework Design, Project plan and initial design		
6	Week 6	Design Optimization Algorithm: Reference point generation		Chapter 3
7	Week 7	Design Optimization Algorithm: Optimization Module, Design and specification	Design Optimization Algorithm	Optimization Algorithm
8	Week 8	Algorithm Implementation	Develop an API for the optimization algorithm	Chapter 4

9	Week 9	Experiments and Result Analysis, System Development	Test the performance of the algorithm	
10	Week 10	Demonstration App Design	Design the interface of the demo app	UI Design, Chapter 5
11	Week 11	Demonstration App Development, Result Analysis and Testing	Develop the backend of the demonstration app	
12	Week 12	Demonstration App Testing	Test the performance of demo app	Demonstration App, Chapter 6
13	Week 13	Conclusion	Project conclusion and future enhancement	
14	Week 14	Project Finalization	Project Completion	Project, Chapter 7

Gantt Chart:

