

An Automated Health Information System

Team: MDS02

Supervised by: Dr. Muhammad Fermi Pasha

Task Description

Person In Charge

Progress Status

FIT3163 Data Science Project Part 1

Assessment 1

Weighted Scoring Model - Write criterias & Assign weights and score	Everyone	Completed
Diagram Representation - Bar Chart	Everyone	Completed
Justify Weighted Scoring Model	Kai Yan	Completed
Business Case - Introduction / Background	Alicia Quek	Completed
Business Case - Business Objectives	Alicia Quek	Completed
Business Case - Current Situation and Problem / Opportunity Statement	Kai Yan	Completed
Business Case - Critical Assumptions and Constraints	Eunice Lee	Completed
Business Case - Analysis of Options and Recommendations	Jesse Yow	Completed
Business Case - Preliminary Project Requirements	Kai Yan	Completed
Business Case - Schedule Estimate	Jesse Yow	Completed
Business Case - Potential Risks	Eunice Lee	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 2

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Cover Page & Table of Contents	Kai Yan	Completed
Introduction	Eunice Lee	Completed
Mind-Map Diagram	Everyone	Completed
Project Scope	Kai Yan	Completed
Project Schedule	Kai Yan	Completed
Resource Management	Kai Yan	Completed
Risk Management	Alicia Quek	Completed
Communication Management	Alicia Quek	Completed
Quality Management	Jesse Yow	Completed
Cost Management	Jesse Yow	Completed
Stakeholders Management	Jesse Yow	Completed
Integration Management	Jesse Yow	Completed
Scheduling - Gantt Chart	Alicia Quek	Completed
Work Breakdown Structure	Eunice Lee	Completed
Short Essay	Kai Yan	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 3

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Cover Page & Table of Contents	Kai Yan	Completed
Report - Project Introduction, Project Goals & Expected Deliverables	Eunice Lee	Completed
Report - Design Representation	Everyone	Completed
Report - Data Analysis Report	Kai Yan	Completed
Report - Software Specification	Alicia Quek	Completed
Report - Hardware Specification	Jesse Yow	Completed
Report - Reference & Acknowledgement	Everyone	Completed
Presentation - Project Introduction, Project Goals & Expected Deliverables	Eunice Lee	Completed
Presentation - Design Representation	Everyone	Completed
Presentation - Data Analysis Report	Kai Yan	Completed
Presentation - Software Specification	Alicia Quek	Completed
Presentation - Hardware Specification	Jesse Yow	Completed
Presentation - Reference & Acknowledgement	Everyone	Completed
Presentation - Thank you / Ending Slide	Eunice Lee	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 4

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Cover Page, Table of Contents, Team Members, Subheadings & Word count [1]	Kai Yan	Completed
Introduction - Project Aim, Background Information, Summary & Sem2 Intentions [2]	Eunice Lee	Completed
Literature Review - Introduction, Aims, Background, Project Rationale & Summary [3bc]	Eunice Lee	Completed

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Literature Review - Related Research, Strength & Weaknesses (SWOT analysis) [3de]	Eunice Lee	Completed
Literature Review - Previous Work, Clear identification & gaps of previous work [3ef]	Jesse Yow	Completed
Literature Review - Justification of proposed project compared to previous work [3def]	Jesse Yow	Completed
Project Management Plan - Project Overview, Scope, Schedule & Resource [4abf]	Kai Yan	Completed
Project Management Plan - Project Organisation [4c]	Alicia Quek	Completed
Project Management Plan - Monitoring & Communication Process [4e]	Alicia Quek	Completed
Project Management Plan - Management [4d]	Jesse Yow	Completed
Project Management Plan - External Design [5abc]	Eunice Lee	Completed
Methodology - Software Tools, Specific Algorithm, Software Integration [6bcd]	Alicia Quek	Completed
Methodology - Data Collection, Pre-processing & Post-processing steps [6e]	Kai Yan	Completed
Test Planning - Component Testing where, how and why [7]	Kai Yan	Completed
Conclusion - Report Key Contents [8]	Eunice Lee	Completed
Appendix - Supporting Materials not required in Main report [9]	Everyone	Completed
Bibliography - Cite Reference, Bibliographic details [10]	Everyone	Completed
Addenda (Optional) - "To let ur not submitted work to have light shown on LMFAO"	Everyone	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

FIT3164 Data Science Project Part 2

Assessment 1

Cover Page, Table of Contents, Team Members, Subheadings & Word count	Kai Yan	Completed
Brief introduction to your project and team members & project management [2, 3a]	Eunice Lee	Completed
Project management methodology.[3b]	Kai Yan	Completed
Project resources used in execution, management, and planning. [3c]	Alicia Quek	Completed
Risk Management & Discussion of limitation of project management [3d, 3e]	Jesse Yow	Completed
Reflective Assessment of success and shortcomings of project management [3f]	Eunice Lee	Completed
Conclusion [4]	Eunice Lee	Completed
References, Appendix	Everyone	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 2

Documen Structure	Kai Yan	Completed
Brief Recap / Project Summary	Eunice Lee	Completed
Overall Team Progress (Weekly project progress work breakdown table)	Everyone	Completed
Individual Work Breakdown	Everyone	Completed
Short Overview on remaining tasks to be completed before semester ends	Kai Yan	Completed
Week 3 - Weekly PSSR Submission to Fermi	Everyone	Completed
Week 4 - Weekly PSSR Submission to Fermi	Everyone	Completed
Week 5 - Weekly PSSR Submission to Fermi	Everyone	Completed
Week 6 - Weekly PSSR Submission to Fermi	Everyone	Completed
Week 7 - Weekly PSSR Submission to Fermi	Everyone	Completed
Week 8 - Weekly PSSR Submission to Fermi	Everyone	Completed

Assessment 3

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Test Report		
Introduction & Brief Description on Testing Plan/Method	Kai Yan	Completed
Test Approach Methodology + Description	Kai Yan	Completed
Black Box Testing 1 (Web Application) + Description/Elaboration + Screenshots/Proof [4]	Eunice Lee	Completed
Black Box Testing 2 (Model) + Description/Elaboration + Screenshots/Proof [4]	Jesse Yow	Completed
Integration Testing + Description/Elaboration + Screenshots/Proof [4]	Alicia Quek	Completed
Usability Testing + Description/Elaboration + Screenshots/Proof [4]	Kai Yan	Completed
Recommendation of Improvements	Kai Yan	Completed
Testing Process Limitation	Kai Yan	Completed
Conclusion	Kai Yan	Completed
User Guide		
End User Guide		
Short Introduction	Kai Yan	Completed
Step-by-step instruction on how to enter and exit the software + Screenshots	Alicia Quek	Completed

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Task Description	Person In Charge	Progress Status
Step-by-step instruction on how to key in patient, physician, medication information + Screenshots	Eunice Lee	Completed
Step-by-step instruction on how to key in appointment, encounter, diagnosis, prescription information + Screenshots	Kai Yan	Completed
Step-by-step instruction on how to use the navigation menu + navigation bar + Screenshots	Kai Yan	Completed
Which data to enter when required + limitation/constraints on the data + Screenshots	Eunice Lee	Completed
Software constraints and limitations + Screenshots (if have)	Jesse Yow	Completed
Step-by-step instruction on how to deal with special situations + Screenshots (if have)	Everyone	Completed
Technical User Guide		
Model		
Step-by-step instruction on how to install the dependencies for the model and how to use the model + Screenshots	Jesse Yow	Completed
Web Application		
Step-by-step instruction on how to set up/configure the software + Screenshots	Kai Yan	Completed
Step-by-step instruction on how to set up user accounts + Screenshots	Alicia Quek	Completed
Step-by-step instruction on how to download from the URL + Screenshots	Alicia Quek	Completed
Step-by-step instruction on troubleshooting + Screenshots [OPTIONAL]	Kai Yan	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 4

Software Demonstration + Final Presentation		
Project Overview, Limitation, Scope	Eunice Lee	Completed
Project Outcome	Eunice Lee	Completed
Methodology	Kai Yan	Completed
Software Deliverables	Kai Yan	Completed
System Architecture	Alicia Quek	Completed
Software Demonstration	Alicia Quek	Completed
Critical Discussion	Jesse Yow	Completed
Proposal for future work and improvements	Jesse Yow	Completed

Assessment 5

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Introduction	Kai Yan	Completed
Statement: Reflecting Overall Team Project Experience from Sem2 --> What went well, opportunities, difficulties, What can be done differently, lessons learnt	Eunice Lee	Completed
Statement: Reflecting Overall Team Project Experience from Sem2 --> Critical evaluation on each member individual contributions	Everyone	Completed
Statement: Reflecting Overall Team Project Experience from Sem2 --> Evaluation on overall project success and shortcomings in relation to team performance	Jesse Yow	Completed
Statement: Reflecting Overall Team Project Experience from Sem2 --> How tasks were allocated and what was contributed by each team member	Alicia Quek	Completed
Statement: Reflecting Overall Team Project Experience from Sem2 --> Team problems, issue encountered and how it was managed	Kai Yan	Completed
Check meetings minutes if they meet these criteria: <ul style="list-style-type: none"> • progress made since the previous meeting; • outline of any issues encountered; • the main decisions made at the meeting; • contributions made by each team member to the project; • the distribution of project tasks (action items). 	Everyone	Completed
Teamwork Contribution Table FINAL	Everyone	Completed

Assessment 6

Teamwork Contribution Table PRE-DECLARATION	Everyone	Completed
Front matter - Title sheet, Table of contents, Team Members Name, Word Count, Submission Date [1abcd]	Kai Yan	Completed
Introduction - Introduce the project, project aim, report contents, and the report structure [2ab]	Kai Yan	Completed
Project Background - Project Background Information and Project Rationale [3a]	Jesse Yow	Completed
Project Background - Literature Review: summarisation of previous work and improvements [3bc]	Jesse Yow	Completed
Outcomes - Project Implementation and Decision - What and How was it implemented [4ad]	Alicia Quek	Completed
Outcomes - How project requirements are met by project deliverables [4c]	Alicia Quek	Completed
Outcomes - Present and Discuss Project Results, Achievements and/or Delivered Product [4be]	Alicia Quek	Completed
Outcomes - Project Outcomes Limitations and Potential Improvements [4fg]	Kai Yan	Completed
Outcomes - Discuss outcome-related issues of relevance and interest [4h]	Jesse Yow	Completed
Methodology - Final Project Design and its deviation from initial design [5ab]	Kai Yan	Completed
Methodology - How was Final Project Design implemented, Software Tools, Activities carried out [5c]	Kai Yan	Completed
Software Deliverables - Software Deliverables and Software Quality Summary [6ab]	Alicia Quek	Completed

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Software Deliverables - HTR Model Source Code with inline code documentation. Put Source Code @ Appendix [6c]	Jesse Yow	Completed
Software Deliverables - ICROP Model Source Code with inline code documentation. Put Source Code @ Appendix [6c]	Eunice Lee	Completed
Software Deliverables - Web Application Source Code with inline code documentation. Put Source Code @ Appendix [6c]	Alicia Quek	Completed
Software and Project Critique - How well was overall project execution with comparison with initial project proposal [7ab]	Eunice Lee	Completed
Software and Project Critique - Elaborate how and why you did or did not deviated from initial project proposal [7c]	Eunice Lee	Completed
Software and Project Critique - What could have been done differently to make the project more successful [7d]	Eunice Lee	Completed
Conclusion - Summarise Project report's key contents and final project outcome [8]	Eunice Lee	Completed
Appendix - Supporting Materials [9]	Everyone	Completed
References - Cite the report in APA7th Edition [10]	Everyone	Completed
Addenda (Optional) - "To let ur not submitted work to have light shown on LMFAO"	Everyone	Completed
Teamwork Contibution Table FINAL	Everyone	Completed

Data Science Project FIT3162-FIT3164 END