BITI 3553
ARTIFICIAL INTELLIGENCE PROJECT MANAGEMENT

SEMESTER 1 2020/2021

3 BITI S1G1

Assignment 2

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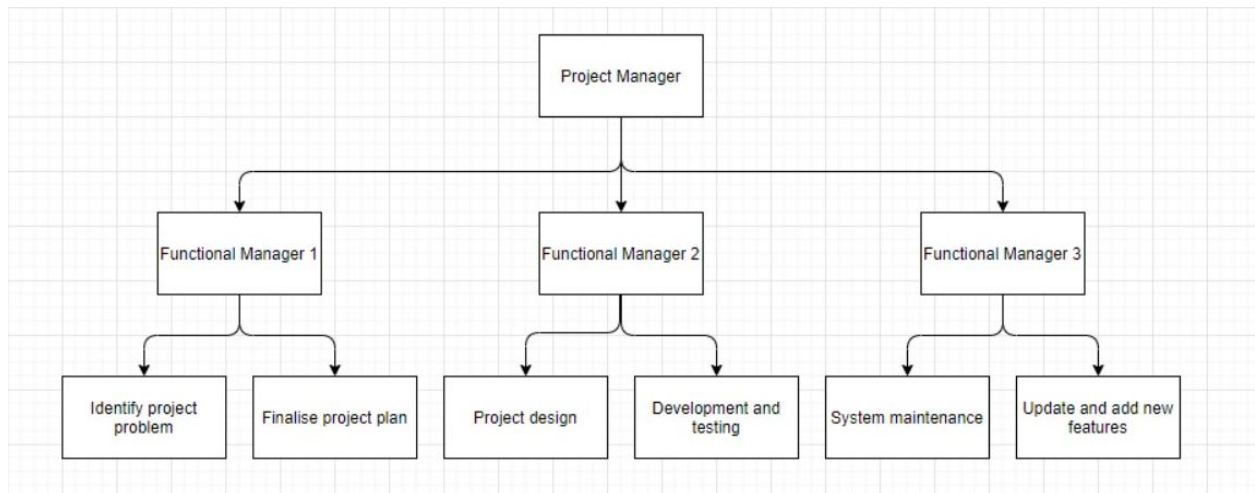
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Outline View

Project Title	LYRIC BOT	Company	LYRIC BOT SDN. BHD.
Project Manager	ABDUL HAZIQ BIN ABD KHALID	Date	12/10/2020

Lyric Bot	
1	Planning
1.1	Develop WBS
1.2	Construct Project Schedule
1.3	Identify Project Problem
1.4	Finalise Project Plan
2	Development
2.1	Pseudo-code construction
2.2	Back-end Coding
2.3	Front-end Coding
3	Testing
3.1	Internal Testing
3.2	External Testing
3.3	Implement Feedback
3.4	Evaluation
4	Maintenance
4.1	Improve User Experience
4.2	Patch Fix & Update
4.3	Add New Features

Hierarchical Structure

Tabular View

Level 1	Level 2
1 Planning	1.1 Develop WBS
	1.2 Construct project schedule
	1.3 Identify project problem
	1.4 Finalise project plan
2 Development	2.1 Pseudo-code construction
	2.2 Back-end coding
	2.3 Front-end coding
3 Testing	3.1 Internal testing
	3.2 External testing
	3.3 Implement feedback
	3.4 Evaluation
4 Maintenance	4.1 Improve user experience
	4.2 Patch fix & update
	4.3 Add new features

WBS Dictionary

Work Package ID	1.1.1
Work Package Name	Development WBS
Responsible Organization/individual	Head project planner
Work Package Description	The making of Work Breakdown Structure of the project.
Acceptance Criteria	WBS complete with Project Manager signature
Deliverables	WBS doc
Duration	1 week
Cost	2 ftp
Due date	25.10.2020
Dependencies	Human Recourses Document
Approvers	Project Sponsor, Project Manager

Work Package ID	1.1.4
Work Package Name	Finalize Project Plan
Responsible Organization/individual	Project Manager, Head of Project Planner
Work Package Description	Overall finalization of project documentation in the Planning Phases of the development.
Acceptance Criteria	Signoff by stakeholders and Project Manager
Deliverables	Planning Phases Doc
Duration	5 weeks
Cost	1ftp
Due date	19.10.2020
Dependencies	System Requirement, Business Requirement, Development Log.
Approvers	Project Sponsor, Project Manager

Work Package ID	1.2.1
Work Package Name	Pseudo-code construction
Responsible Organization/individual	Chief Engineer of the project
Work Package Description	The making of pseudo-code and flowchart of the system segment by segment
Acceptance Criteria	Sign of approval from project manager
Deliverables	Pseudo/chart doc
Duration	2 weeks
Cost	2ftp
Due date	14.11.2020
Dependencies	System Requirement, Business Requirement, Cost management
Approvers	Project Manager, Chief Engineer

Work Package ID	1.3.4
Work Package Name	Evaluation
Responsible Organization/individual	Testing department
Work Package Description	Overall documentation of the testing phases of the system
Acceptance Criteria	Full summary on the overall testing phases
Deliverables	Testing phases doc
Duration	3 weeks
Cost	3ftp
Due date	10.01.2021
Dependencies	Feedback and summary on play tester
Approvers	Project manager, Head of Testing department

Work Package ID	1.4.2
Work Package Name	Patch fix and update
Responsible Organization/individual	Maintenance department
Work Package Description	Providing patch to fix bug and error, and to provide update compatible to current generation of technologies.
Acceptance Criteria	Passes quality check on the patch install in the system
Deliverables	Update.exe, data.bulk
Duration	2 weeks
Cost	2ftp
Due date	30.01.2021
Dependencies	Testing summary, Error feedback
Approvers	Project Manager, Head of Testing department, Head of Maintenance department

Work Package ID	1.4.3
Work Package Name	New feature update
Responsible Organization/individual	Maintenance department, Testing Department
Work Package Description	Huge update in the system that adds new feature in and some patch to fix minor bug and error
Acceptance Criteria	Passes quality check on the update install in the system
Deliverables	Update.exe. data.bulk
Duration	5 weeks
Cost	3ftp
Due date	14.02.2021
Dependencies	Testing summary, annual user feedback
Approvers	Project Manager, Head of Testing department, Head of Maintenance department

WBS Glossary

1. **Pseudo-code :** A detailed yet readable description of what a computer program or algorithm must do, expressed in a formally-styled natural language rather than in a programming language.

2. **Back-end code :** Code that runs on the server, that receives requests from the clients, and contains the logic to send the appropriate data back to the client.

3. **Front-end code :** Code that is executed on the client side. This code (typically HTML, CSS, and JavaScript) runs in the user's browser and creates the user interface.

4. **Internal testing :** Runs a test for the system within the company.

5. **External testing :** Outsourcing the system so other third-party can test the system.