UNIVERSITI MALAYSIA TERENGGANU

FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

CSE3403 SOFTWARE PROJECT MANAGEMENT

GROUP NAME: J

Intelligent Financial Fraud Detection System

Project Schedule Management

Prepared for: Assoc. Prof. Dr. Noor Hafhizah Binti Abd Rahim

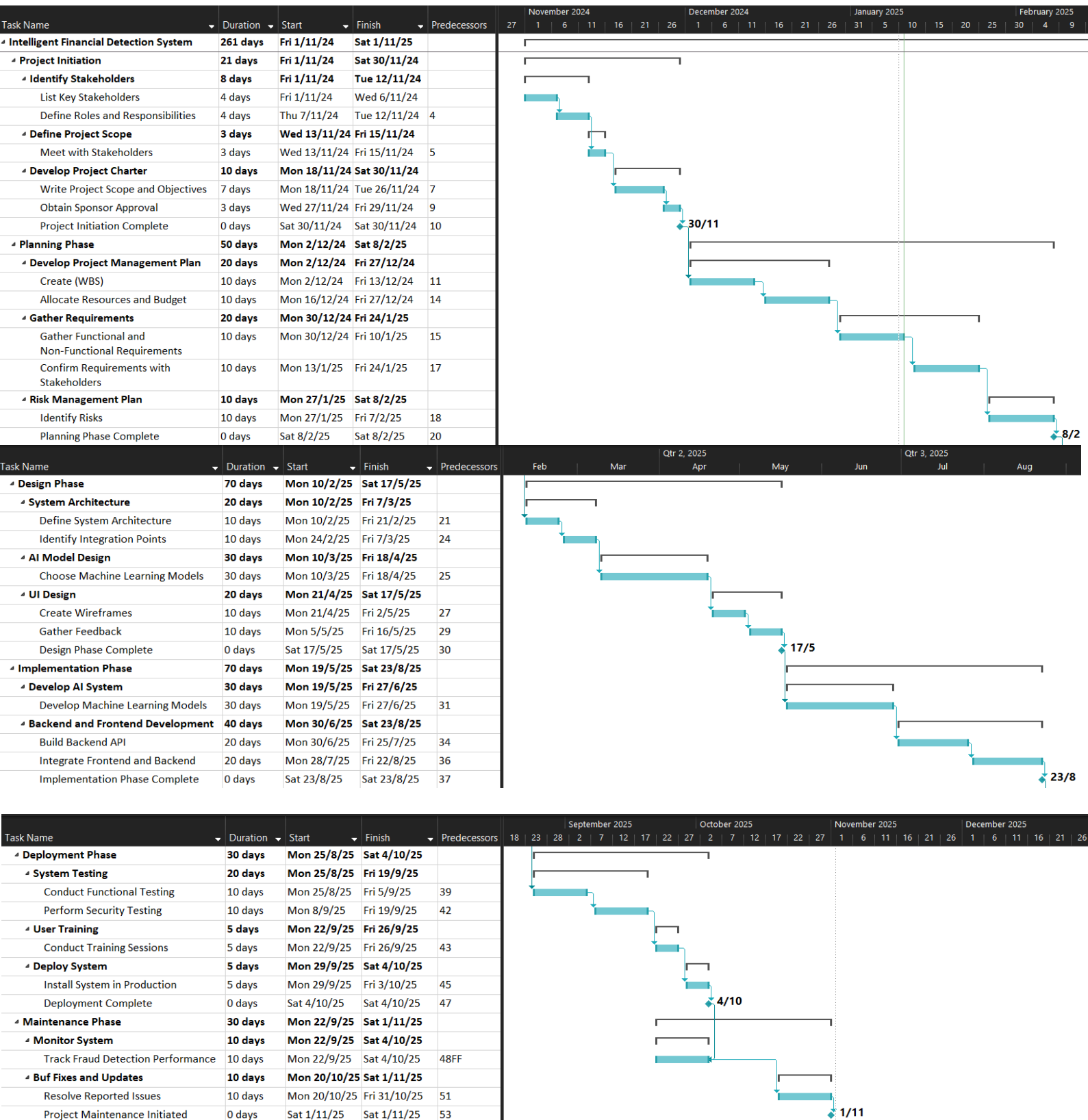Bachelor Of Computer Science (Software Engineering) With Honor

SEMESTER II 2024/2025

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1. Gantt Chart

Task Name	Duration	Start	Finish	Predecessors
Intelligent Financial Detection System	**261 days**	**Fri 1/11/24**	**Sat 1/11/25**	
▲ **Project Initiation**	**21 days**	**Fri 1/11/24**	**Sat 30/11/24**	
▲ **Identify Stakeholders**	**8 days**	**Fri 1/11/24**	**Tue 12/11/24**	
List Key Stakeholders	4 days	Fri 1/11/24	Wed 6/11/24	
Define Roles and Responsibilities	4 days	Thu 7/11/24	Tue 12/11/24	4
▲ **Define Project Scope**	**3 days**	**Wed 13/11/24**	**Fri 15/11/24**	
Meet with Stakeholders	3 days	Wed 13/11/24	Fri 15/11/24	5
▲ **Develop Project Charter**	**10 days**	**Mon 18/11/24**	**Sat 30/11/24**	
Write Project Scope and Objectives	7 days	Mon 18/11/24	Tue 26/11/24	7
Obtain Sponsor Approval	3 days	Wed 27/11/24	Fri 29/11/24	9
Project Initiation Complete	0 days	Sat 30/11/24	Sat 30/11/24	10
▲ **Planning Phase**	**50 days**	**Mon 2/12/24**	**Sat 8/2/25**	
▲ **Develop Project Management Plan**	**20 days**	**Mon 2/12/24**	**Fri 27/12/24**	
Create (WBS)	10 days	Mon 2/12/24	Fri 13/12/24	11
Allocate Resources and Budget	10 days	Mon 16/12/24	Fri 27/12/24	14
▲ **Gather Requirements**	**20 days**	**Mon 30/12/24**	**Fri 24/1/25**	
Gather Functional and Non-Functional Requirements	10 days	Mon 30/12/24	Fri 10/1/25	15
Confirm Requirements with Stakeholders	10 days	Mon 13/1/25	Fri 24/1/25	17
▲ **Risk Management Plan**	**10 days**	**Mon 27/1/25**	**Sat 8/2/25**	
Identify Risks	10 days	Mon 27/1/25	Fri 7/2/25	18
Planning Phase Complete	0 days	Sat 8/2/25	Sat 8/2/25	20
▲ **Design Phase**	**70 days**	**Mon 10/2/25**	**Sat 17/5/25**	
▲ **System Architecture**	**20 days**	**Mon 10/2/25**	**Fri 7/3/25**	
Define System Architecture	10 days	Mon 10/2/25	Fri 21/2/25	21
Identify Integration Points	10 days	Mon 24/2/25	Fri 7/3/25	24
▲ **AI Model Design**	**30 days**	**Mon 10/3/25**	**Fri 18/4/25**	
Choose Machine Learning Models	30 days	Mon 10/3/25	Fri 18/4/25	25
▲ **UI Design**	**20 days**	**Mon 21/4/25**	**Sat 17/5/25**	
Create Wireframes	10 days	Mon 21/4/25	Fri 2/5/25	27
Gather Feedback	10 days	Mon 5/5/25	Fri 16/5/25	29
Design Phase Complete	0 days	Sat 17/5/25	Sat 17/5/25	30
▲ **Implementation Phase**	**70 days**	**Mon 19/5/25**	**Sat 23/8/25**	
▲ **Develop AI System**	**30 days**	**Mon 19/5/25**	**Fri 27/6/25**	
Develop Machine Learning Models	30 days	Mon 19/5/25	Fri 27/6/25	31
▲ **Backend and Frontend Development**	**40 days**	**Mon 30/6/25**	**Sat 23/8/25**	
Build Backend API	20 days	Mon 30/6/25	Fri 25/7/25	34
Integrate Frontend and Backend	20 days	Mon 28/7/25	Fri 22/8/25	36
Implementation Phase Complete	0 days	Sat 23/8/25	Sat 23/8/25	37
▲ **Deployment Phase**	**30 days**	**Mon 25/8/25**	**Sat 4/10/25**	
▲ **System Testing**	**20 days**	**Mon 25/8/25**	**Fri 19/9/25**	
Conduct Functional Testing	10 days	Mon 25/8/25	Fri 5/9/25	39
Perform Security Testing	10 days	Mon 8/9/25	Fri 19/9/25	42
▲ **User Training**	**5 days**	**Mon 22/9/25**	**Fri 26/9/25**	
Conduct Training Sessions	5 days	Mon 22/9/25	Fri 26/9/25	43
▲ **Deploy System**	**5 days**	**Mon 29/9/25**	**Sat 4/10/25**	
Install System in Production	5 days	Mon 29/9/25	Fri 3/10/25	45
Deployment Complete	0 days	Sat 4/10/25	Sat 4/10/25	47
▲ **Maintenance Phase**	**30 days**	**Mon 22/9/25**	**Sat 1/11/25**	
▲ **Monitor System**	**10 days**	**Mon 22/9/25**	**Sat 4/10/25**	
Track Fraud Detection Performance	10 days	Mon 22/9/25	Sat 4/10/25	48FF
▲ **Buf Fixes and Updates**	**10 days**	**Mon 20/10/25**	**Sat 1/11/25**	
Resolve Reported Issues	10 days	Mon 20/10/25	Fri 31/10/25	51
Project Maintenance Initiated	0 days	Sat 1/11/25	Sat 1/11/25	53

2. Network Diagram

Intelligent Financial Detection System
Start: Fri 1/11/24   ID: 1
Finish: Sat 1/11/25   Dur: 261 days
Comp: 0%

Project Initiation
Start: Fri 1/11/24   ID: 2
Finish: Sat 30/11/24   Dur: 21 days
Comp: 0%

Identify Stakeholders
Start: Fri 1/11/24   ID: 3
Finish: Tue 12/11/24   Dur: 8 days
Comp: 0%

Define Project Scope
Start: Wed 13/11/24   ID: 6
Finish: Fri 15/11/24   Dur: 3 days
Comp: 0%

Develop Project Charter
Start: Mon 18/11/24   ID: 8
Finish: Sat 30/11/24   Dur: 10 days
Comp: 0%

Planning Phase
Start: Mon 2/12/24   ID: 12
Finish: Sat 8/2/25   Dur: 50 days
Comp: 0%

Develop Project Management Plan
Start: Mon 2/12/24   ID: 13
Finish: Fri 27/12/24   Dur: 20 days
Comp: 0%

Gather Requirements
Start: Mon 30/12/24   ID: 16
Finish: Fri 24/1/25   Dur: 20 days
Comp: 0%

Risk Management Plan
Start: Mon 27/1/25   ID: 19
Finish: Sat 8/2/25   Dur: 10 days
Comp: 0%

Design Phase
Start: Mon 10/2/25   ID: 22
Finish: Sat 17/5/25   Dur: 70 days
Comp: 0%

System Architecture
Start: Mon 10/2/25   ID: 23
Finish: Fri 7/3/25   Dur: 20 days
Comp: 0%

AI Model Design
Start: Mon 10/3/25   ID: 26
Finish: Fri 18/4/25   Dur: 30 days
Comp: 0%

UI Design
Start: Mon 21/4/25   ID: 28
Finish: Sat 17/5/25   Dur: 20 days
Comp: 0%

Implementation Phase
Start: Mon 19/5/25   ID: 32
Finish: Sat 23/8/25   Dur: 70 days
Comp: 0%

Develop AI System
Start: Mon 19/5/25   ID: 33
Finish: Fri 27/6/25   Dur: 30 days
Comp: 0%

Backend and Frontend Development
Start: Mon 30/6/25   ID: 35
Finish: Sat 23/8/25   Dur: 40 days
Comp: 0%

System Testing
Start: Mon 25/8/25   ID: 40
Finish: Fri 19/9/25   Dur: 20 days
Comp: 0%

Deployment Phase
Start: Mon 25/8/25   ID: 39
Finish: Sat 4/10/25   Dur: 30 days
Comp: 0%

User Training
Start: Mon 22/9/25   ID: 43
Finish: Fri 26/9/25   Dur: 5 days
Comp: 0%

Deploy System
Start: Mon 29/9/25   ID: 45
Finish: Sat 4/10/25   Dur: 5 days
Comp: 0%

Maintenance Phase
Start: Mon 22/9/25   ID: 48
Finish: Sat 1/11/25   Dur: 30 days
Comp: 0%

Monitor System
Start: Mon 22/9/25   ID: 49
Finish: Sat 4/10/25   Dur: 10 days
Comp: 0%

Buf Fixes and Updates
Start: Mon 20/10/25   ID: 51
Finish: Sat 1/11/25   Dur: 10 days
Comp: 0%

List Key Stakeholders
Start: Fri 1/11/24   ID: 4
Finish: Wed 6/11/2 Dur: 4 days
Res:

Define Roles and Responsibilities
Start: Thu 7/11/24   ID: 5
Finish: Tue 12/11/2 Dur: 4 days
Res:

Meet with Stakeholders
Start: Wed 13/11/2 ID: 7
Finish: Fri 15/11/24 Dur: 3 days
Res:

Write Project Scope and Objectives
Start: Mon 18/11/2 ID: 9
Finish: Tue 26/11/2 Dur: 7 days
Res:

Obtain Sponsor Approval
Start: Wed 27/11/2 ID: 10
Finish: Fri 29/11/24 Dur: 3 days
Res:

Project Initiation Complete
Milestone Date: Sat 30/11/24
ID: 11

Project Initiation Complete
Milestone Date: Sat 30/11/24
ID: 11

Create (WBS)
Start: Mon 2/12/24 ID: 14
Finish: Fri 13/12/24 Dur: 10 days
Res:

Allocate Resources and Budget
Start: Mon 16/12/2 ID: 15
Finish: Fri 27/12/24 Dur: 10 days
Res:

Gather Functional and Non-Functional Req
Start: Mon 30/12/2 ID: 17
Finish: Fri 10/1/25 Dur: 10 days
Res:

Confirm Requirements with Stakeholders
Start: Mon 13/1/25 ID: 18
Finish: Fri 24/1/25 Dur: 10 days
Res:

Identify Risks
Start: Mon 27/1/25 ID: 20
Finish: Fri 7/2/25   Dur: 10 days
Res:

Planning Phase Complete
Milestone Date: Sat 8/2/25
ID: 21

Planning Phase Complete
Milestone Date: Sat 8/2/25
ID: 21

Define System Architecture
Start: Mon 10/2/25 ID: 24
Finish: Fri 21/2/25 Dur: 10 days
Res:

Identify Integration Points
Start: Mon 24/2/25 ID: 25
Finish: Fri 7/3/25   Dur: 10 days
Res:

Choose Machine Learning Models
Start: Mon 10/3/25 ID: 27
Finish: Fri 18/4/25 Dur: 30 days
Res:

Create Wireframes
Start: Mon 21/4/25 ID: 29
Finish: Fri 2/5/25   Dur: 10 days
Res:

Gather Feedback
Start: Mon 5/5/25   ID: 30
Finish: Fri 16/5/25 Dur: 10 days
Res:

Design Phase Complete
Milestone Date: Sat 17/5/25
ID: 31

Design Phase Complete
Milestone Date: Sat 17/5/25
ID: 31

Develop Machine Learning Models
Start: Mon 19/5/25 ID: 34
Finish: Fri 27/6/25 Dur: 30 days
Res:

Build Backend API
Start: Mon 30/6/25 ID: 36
Finish: Fri 25/7/25 Dur: 20 days
Res:

Integrate Frontend and Backend
Start: Mon 28/7/25 ID: 37
Finish: Fri 22/8/25 Dur: 20 days
Res:

Implementation Phase Complete
Milestone Date: Sat 23/8/25
ID: 38

Implementation Phase Complete
Milestone Date: Sat 23/8/25
ID: 38

Conduct Functional Testing
Start: Mon 25/8/25 ID: 41
Finish: Fri 5/9/25   Dur: 10 days
Res:

Perform Security Testing
Start: Mon 8/9/25   ID: 42
Finish: Fri 19/9/25 Dur: 10 days
Res:

Conduct Training Sessions
Start: Mon 22/9/25 ID: 44
Finish: Fri 26/9/25 Dur: 5 days
Res:

Install System in Production
Start: Mon 29/9/25 ID: 46
Finish: Fri 3/10/25 Dur: 5 days
Res:

Deployment Complete
Milestone Date: Sat 4/10/25
ID: 47

Deployment Complete
Milestone Date: Sat 4/10/25
ID: 47

Track Fraud Detection Performance
Start: Mon 22/9/25 ID: 50
Finish: Sat 4/10/25 Dur: 10 days
Res:

Resolve Reported Issues
Start: Mon 20/10/2 ID: 52
Finish: Fri 31/10/25 Dur: 10 days
Res:

Project Maintenance Initiated
Milestone Date: Sat 1/11/25
ID: 53

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