

INT2 X: Explanation for the Causes of a Prediction

Project Id: 2023-142

Project Status Document I

Britto T.A

B.Sc. (Hons) Degree in Information Technology

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology Sri

Lanka

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1. Work breakdown chart

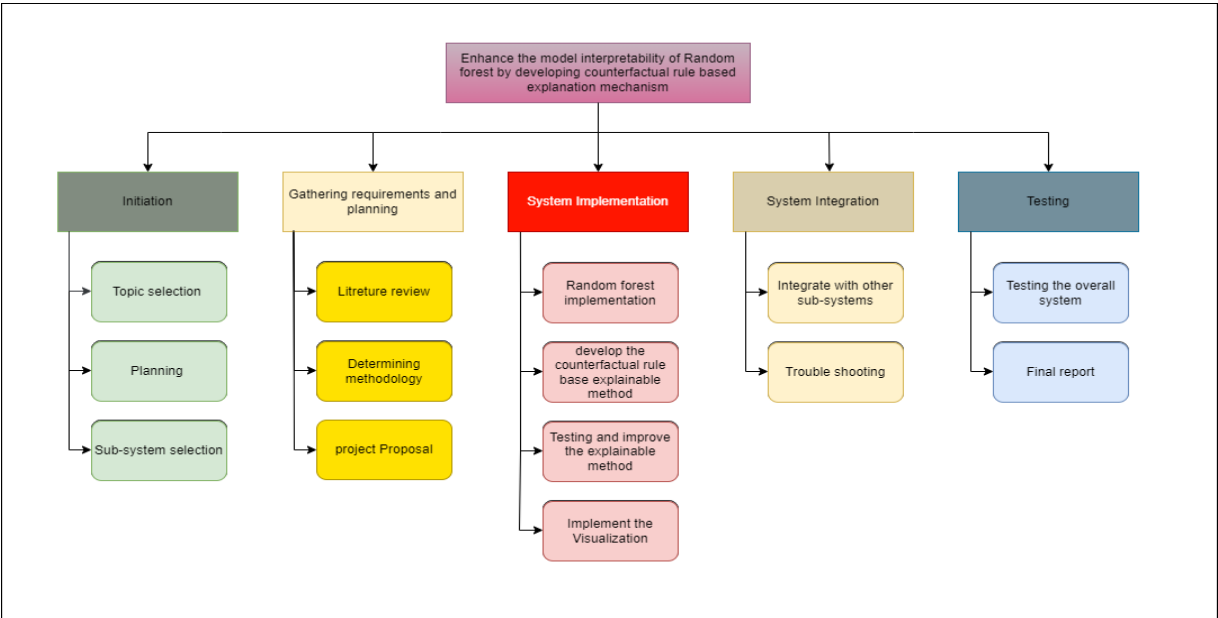


Figure 1Work Breakdown Chart

2. Gantt Chart

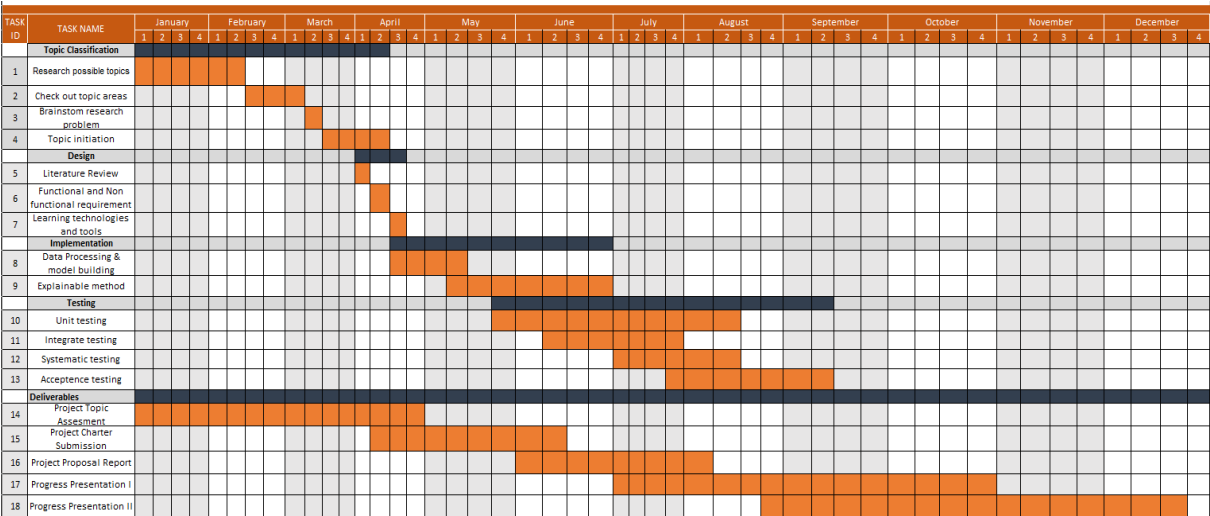


Figure 2Gantt Chart

3. Discussion Meeting

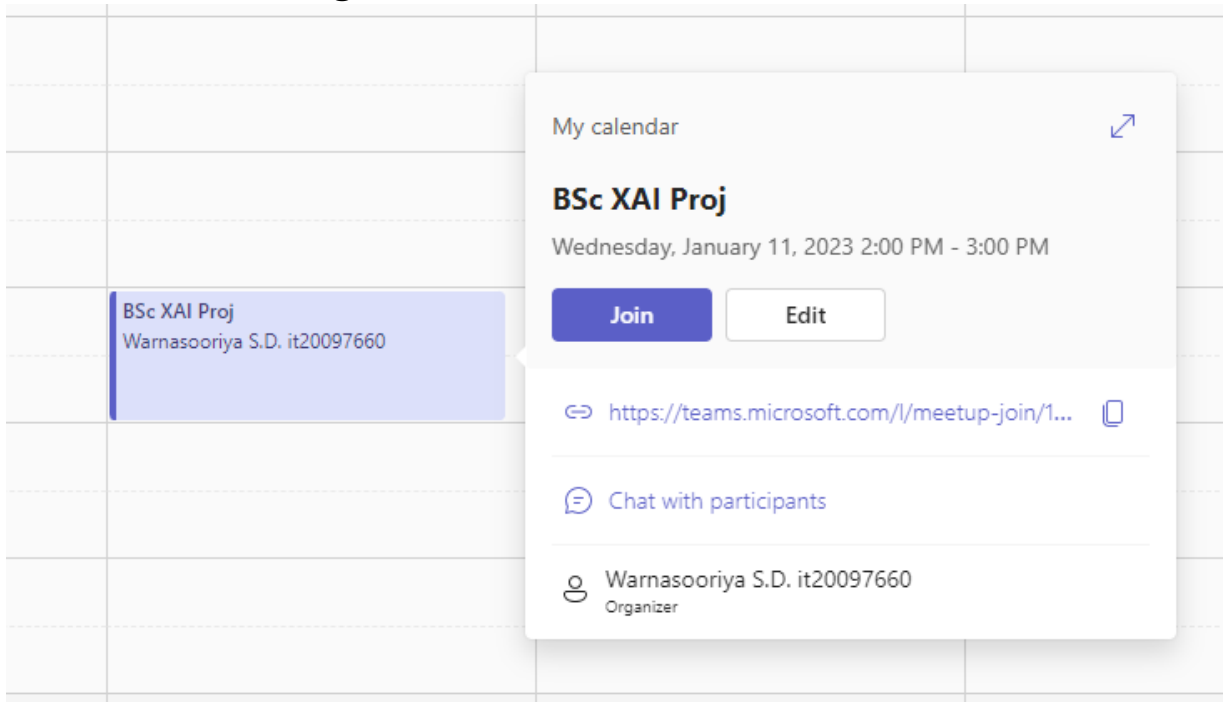


Figure 3 Topic Finalized Meeting

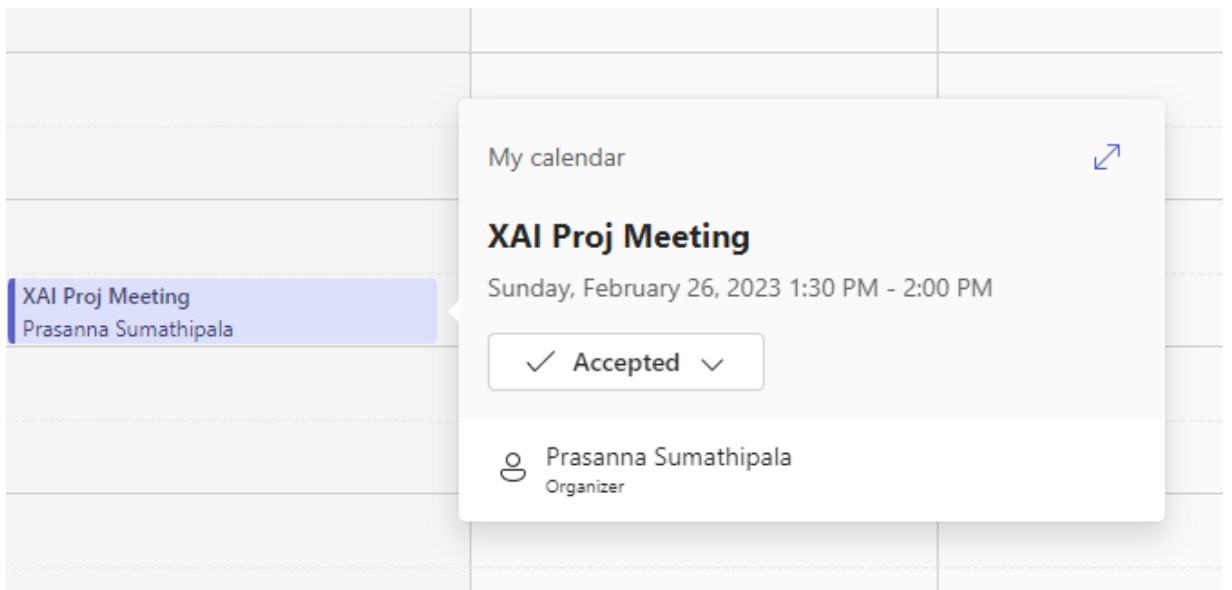


Figure 4 Research Problem Discussion Meeting

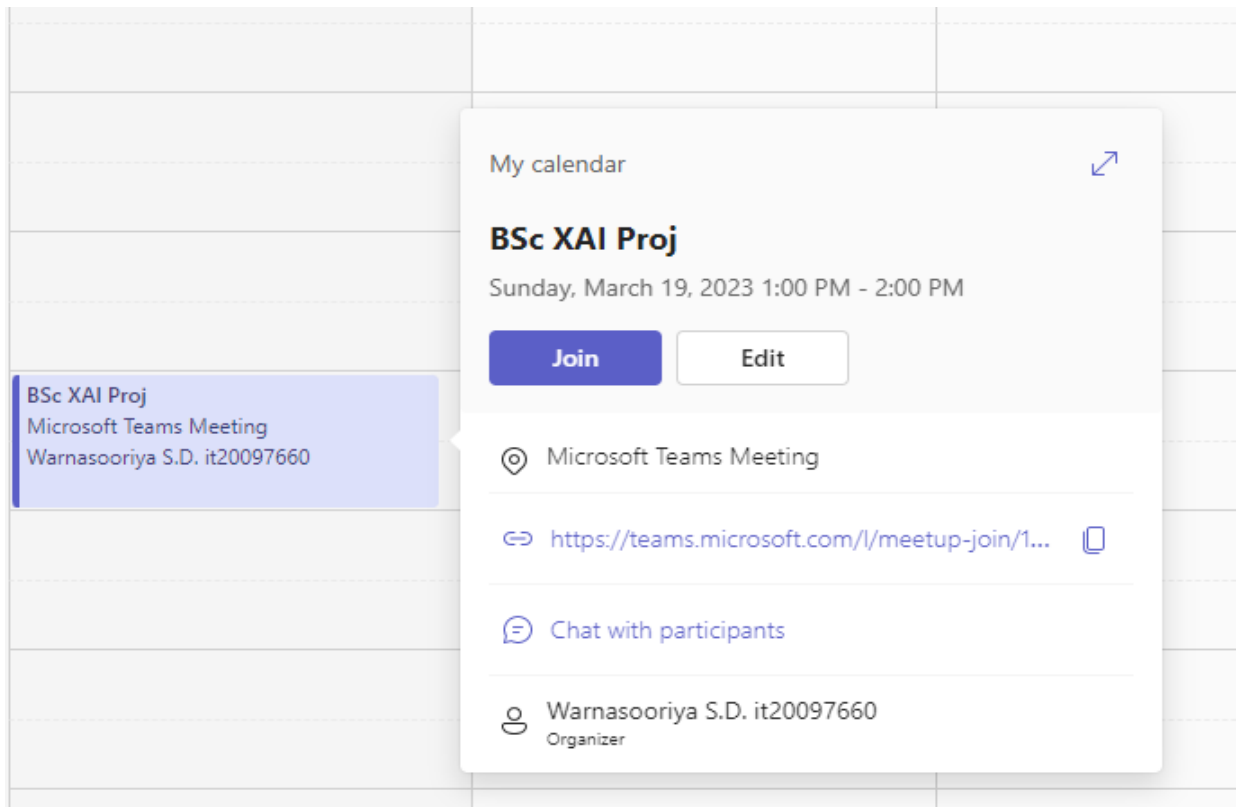


Figure 5 Proposal Presentation Discussion Meeting

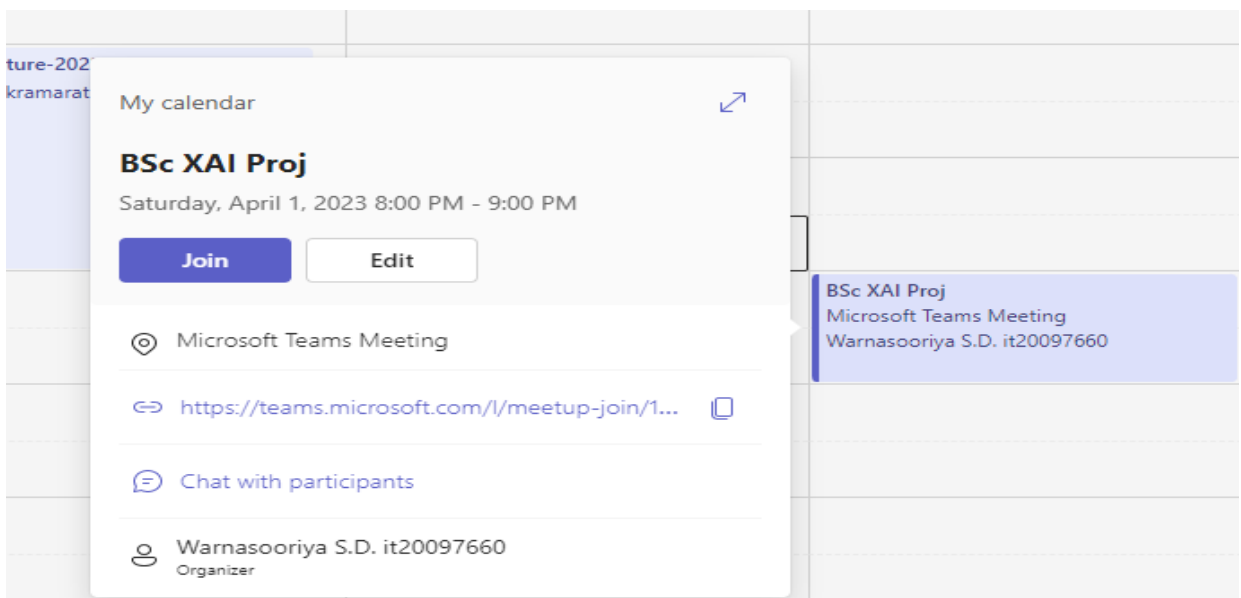


Figure 6 Proposal Report Discussion Meeting

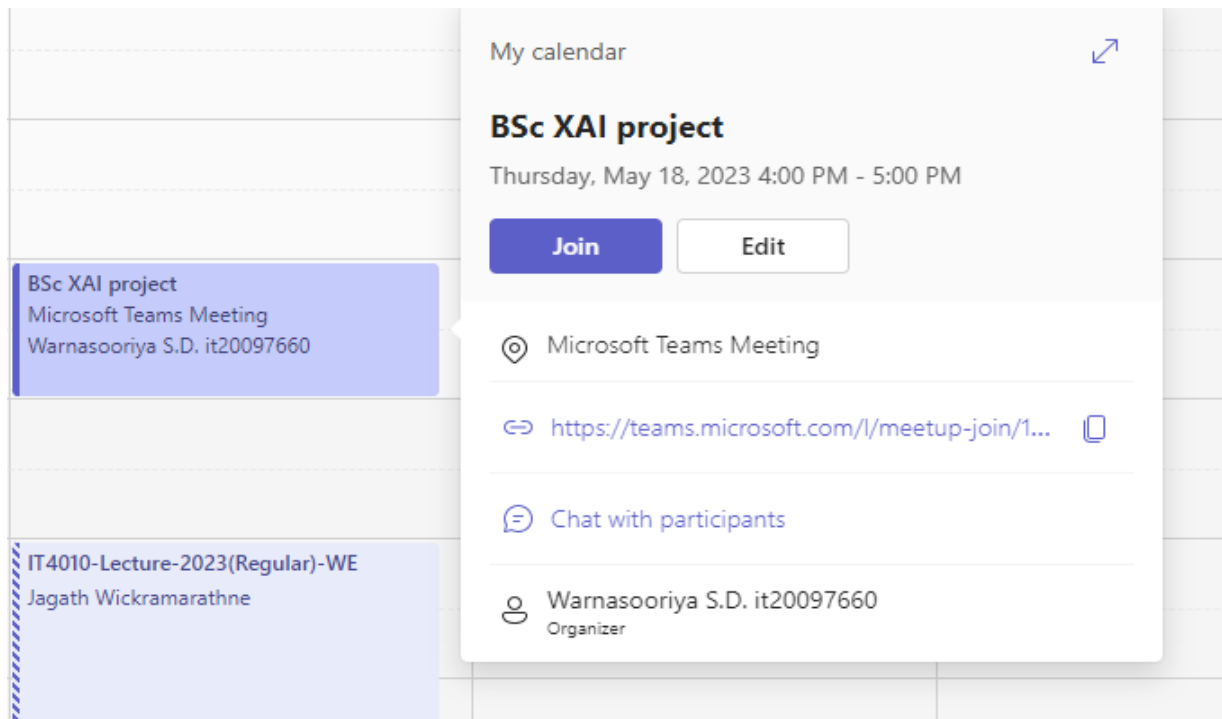


Figure 7 Progress Presentation Discussion Meeting

4. Emails

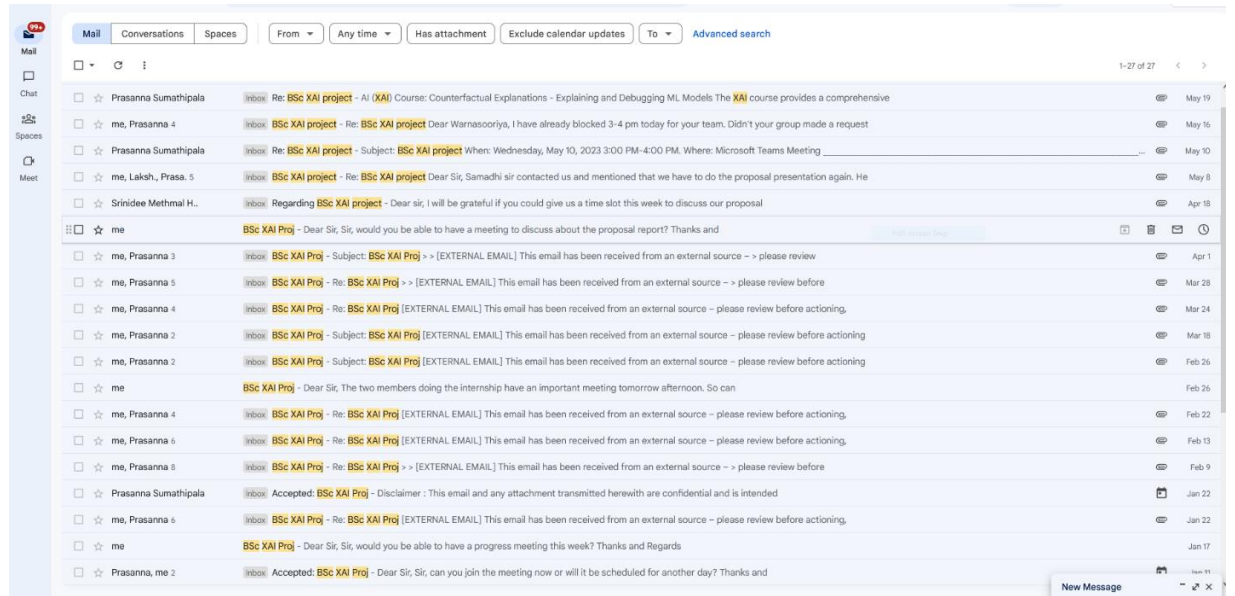


Figure 8Emails

5. Microsoft Teams project planner

5.1 Microsoft Planner Board

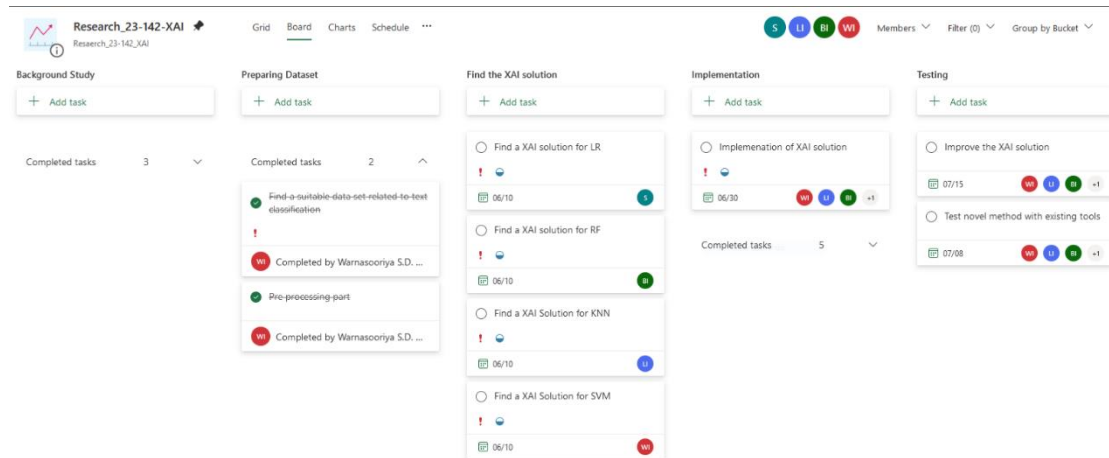


Figure 9Planner Board

Research_23-142-XAI							
Research_23-142_XAI							
Title	Assignment	Start Date	Due Date	Bucket	Progress	Priority	
<input type="radio"/> Improve the XAI solution	WI LI BS		7/15/2023	Testing	<input type="radio"/> Not started	Medium	
<input type="radio"/> Test novel method with existing tools	WI LI BS		7/8/2023	Testing	<input type="radio"/> Not started	Medium	
<input checked="" type="radio"/> Frontend-development	WI LI BS		5/18/2023	Implementation	<input checked="" type="radio"/> Completed	Medium	
<input type="radio"/> Implementation of XAI solution	WI LI BS		6/30/2023	Implementation	<input type="radio"/> In progress	Important	
<input type="radio"/> Find a XAI solution for LR	BS Srinidee Methmal I		6/10/2023	Find the XAI solut	<input type="radio"/> In progress	Important	
<input type="radio"/> Find a XAI solution for RF	BS Britto T.A. it20100i		6/10/2023	Find the XAI solut	<input type="radio"/> In progress	Important	
<input type="radio"/> Find a XAI Solution for KNN	LI Lakshani N.V.M it2		6/10/2023	Find the XAI solut	<input type="radio"/> In progress	Important	
<input type="radio"/> Find a XAI Solution for SVM	WI Warnasooriya S.D.		6/10/2023	Find the XAI solut	<input type="radio"/> In progress	Important	
<input checked="" type="radio"/> Logistic-Regression-Development	BS Srinidee Methmal I		5/20/2023	Implementation	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Knn-development	LI Lakshani N.V.M it2		5/20/2023	Implementation	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Random-Forest-Implementation	BS Britto T.A. it20100i		5/20/2023	Implementation	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Support-vector-Machine-development	WI Warnasooriya S.D.		5/20/2023	Implementation	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Pre-processing-part	WI LI BS		3/21/2023	Preparing Dataset	<input checked="" type="radio"/> Completed	Medium	
<input checked="" type="radio"/> Find-a-suitable-data-set-related-to-text-classification	WI LI BS		3/11/2023	Preparing Dataset	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Run-the-codes-of-existing-methods(LIME,SHAP)	WI LI BS		2/25/2023	Background Study	<input checked="" type="radio"/> Completed	Medium	
<input checked="" type="radio"/> Find-Existing-XAI-methods-and-document	WI LI BS		2/4/2023	Background Study	<input checked="" type="radio"/> Completed	Important	
<input checked="" type="radio"/> Study-Research-Papers	WI LI BS		1/14/2023	Background Study	<input checked="" type="radio"/> Completed	Medium	

Figure 10Tasks Completed and In-progress.

5.2 Charts

Figure11: charts

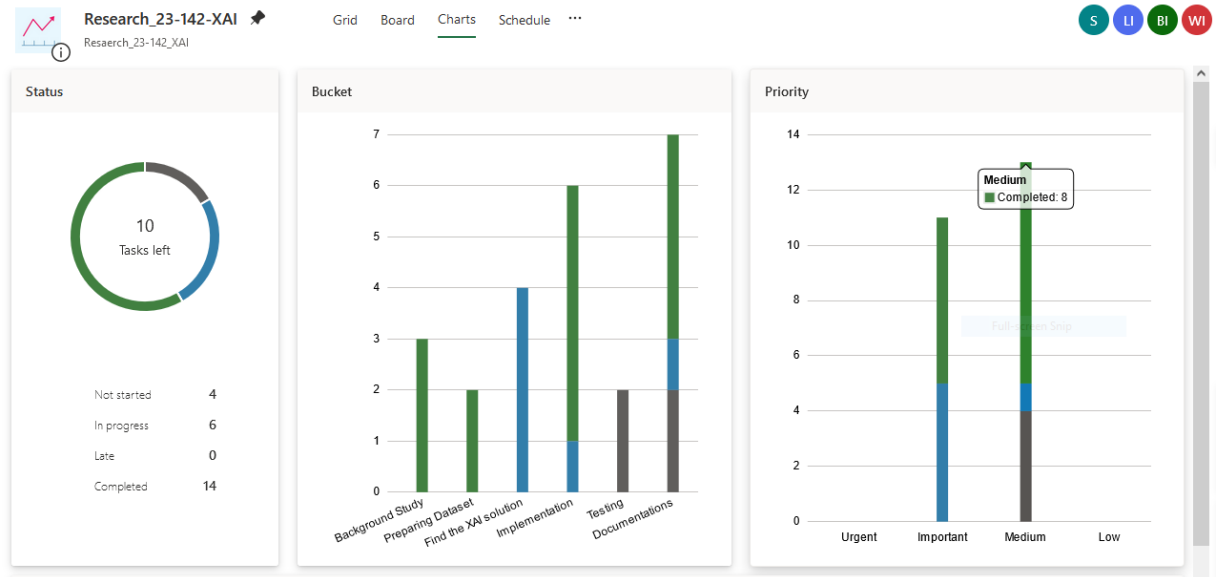


Figure 11Charts

5.3 Team Planner Schedule

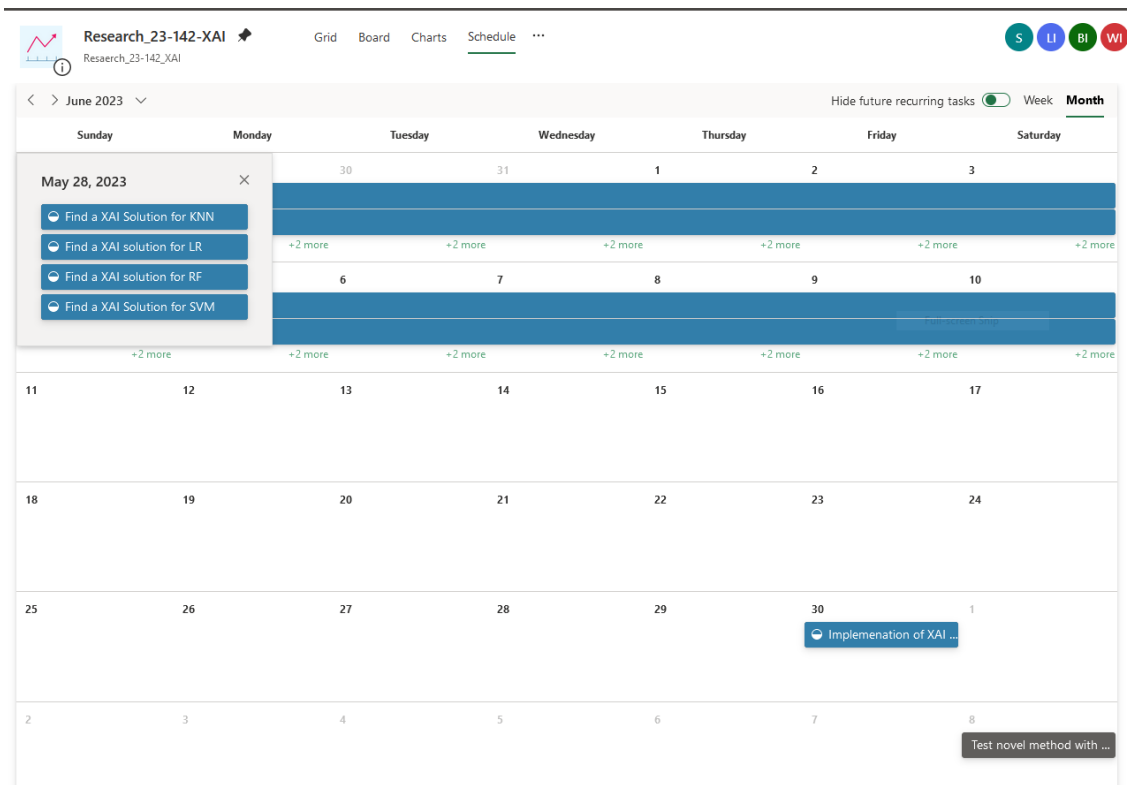


Figure 12Team Planner Schedule

6. GitLab

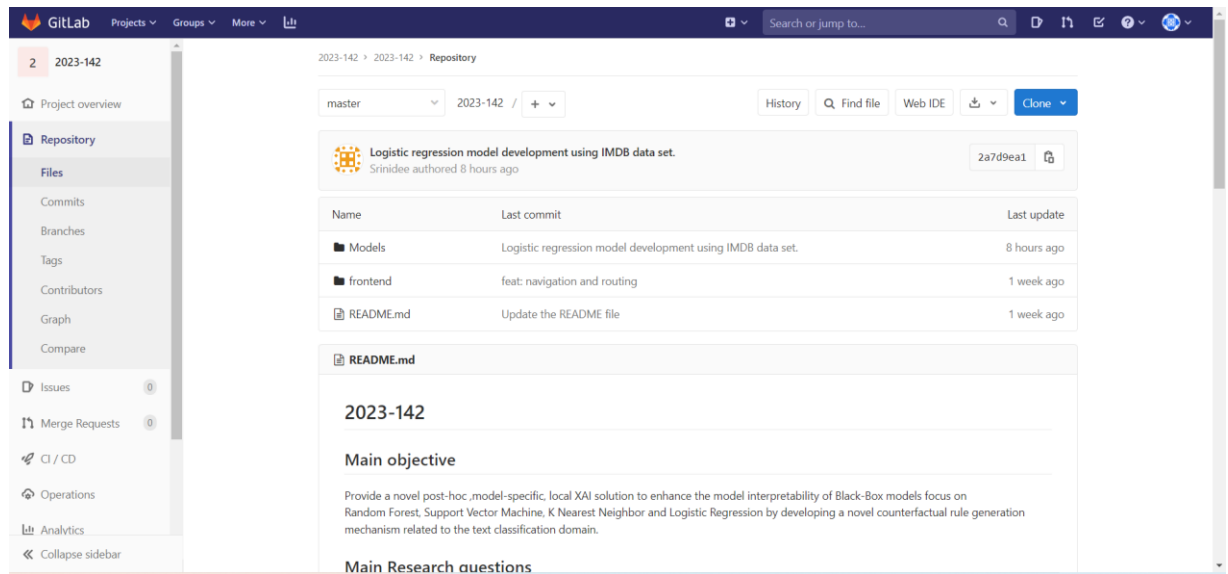


Figure 13 GitLab Repository

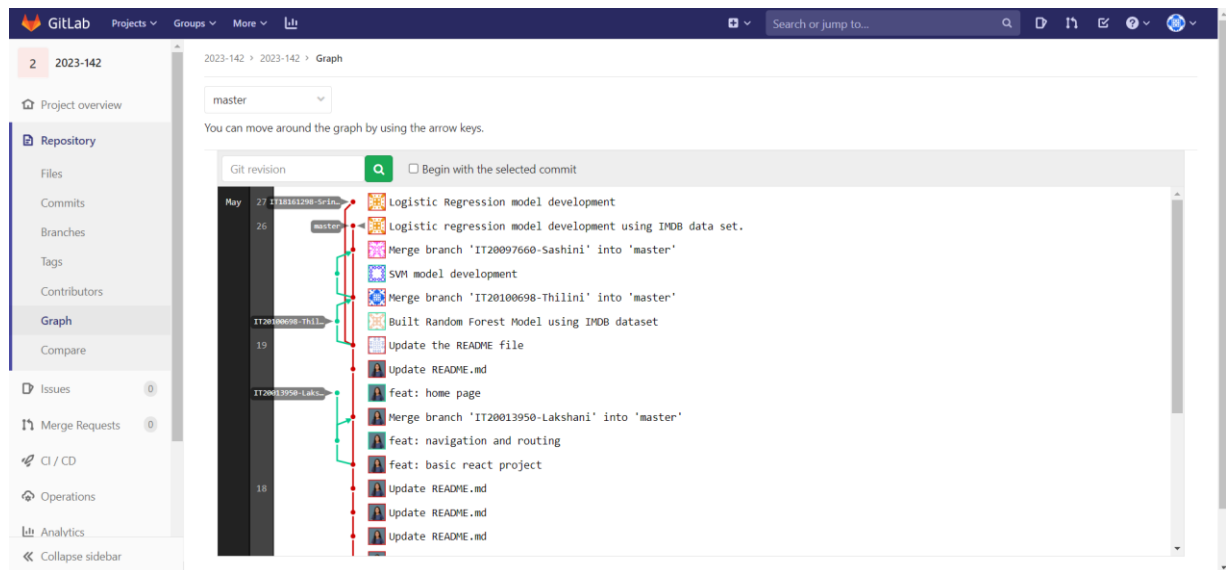


Figure 14 Commits.

7. Documentation Work

- Completed
 - ✓ Topic assessment form
 - ✓ Project charter
 - ✓ Project cover sheet
 - ✓ Project proposal
 - ✓ Proposal presentation
 - ✓ Status document I

- To be completed
 - Status document II
 - Research paper
 - Final report
 - Thesis document