Review – III

by

Group no:- 3

Introduction

- Predicting students performance accurately is very challenging and important in terms of their further Education and to find their area of interests that will help them improve their weak sections. The main objective is to provide an implementation of Novel Machine Learning Techniques to predict students Performance.

- The challenges faced by existing systems are for the accurate prediction the dependency between subjects must be identified, students evolving progress needs to be incorporated into the prediction.

Literature Survey

SR NO	TITLE	YEAR	JOURNAL	DESCRIPTION
1)	A Machine Learning Approach for Tracking and Predicting Student Performance in Degree Programs.	2016	IEE	. Predicting Students Performance based on Academic Records using EWAF Algorithm.
2)	2) Student Performance Prediction Using Machine Learning	2015	IJERT	.Performance Prediction using neural network. .Prediction performance of neural network increases as increase in Dataset.
3)	3) Early Prediction of Students Performance using Machine Learning Techniques	2014	IJCA	.For predicting performance Decision Trees (DT), Bayesian Networks (BN), Artificial Neural Networks (ANN), Support Vector Machines (SVM) is used.

| SR NO	TITLE	YEAR	JOURNAL	DESCRIPTION
4)	Predicting Students' GPA and Developing Intervention Strategies Based on Self-Regulatory Learning Behavior	2017	IEEE	.Predicting Students performance using Academic data as well as by using Questionaries' . .Questions based on Behaviour , extra Activities etc.

Problem Statement

Student Performance Prediction based on academic performance history and analysing behavioural pattern to improve results.
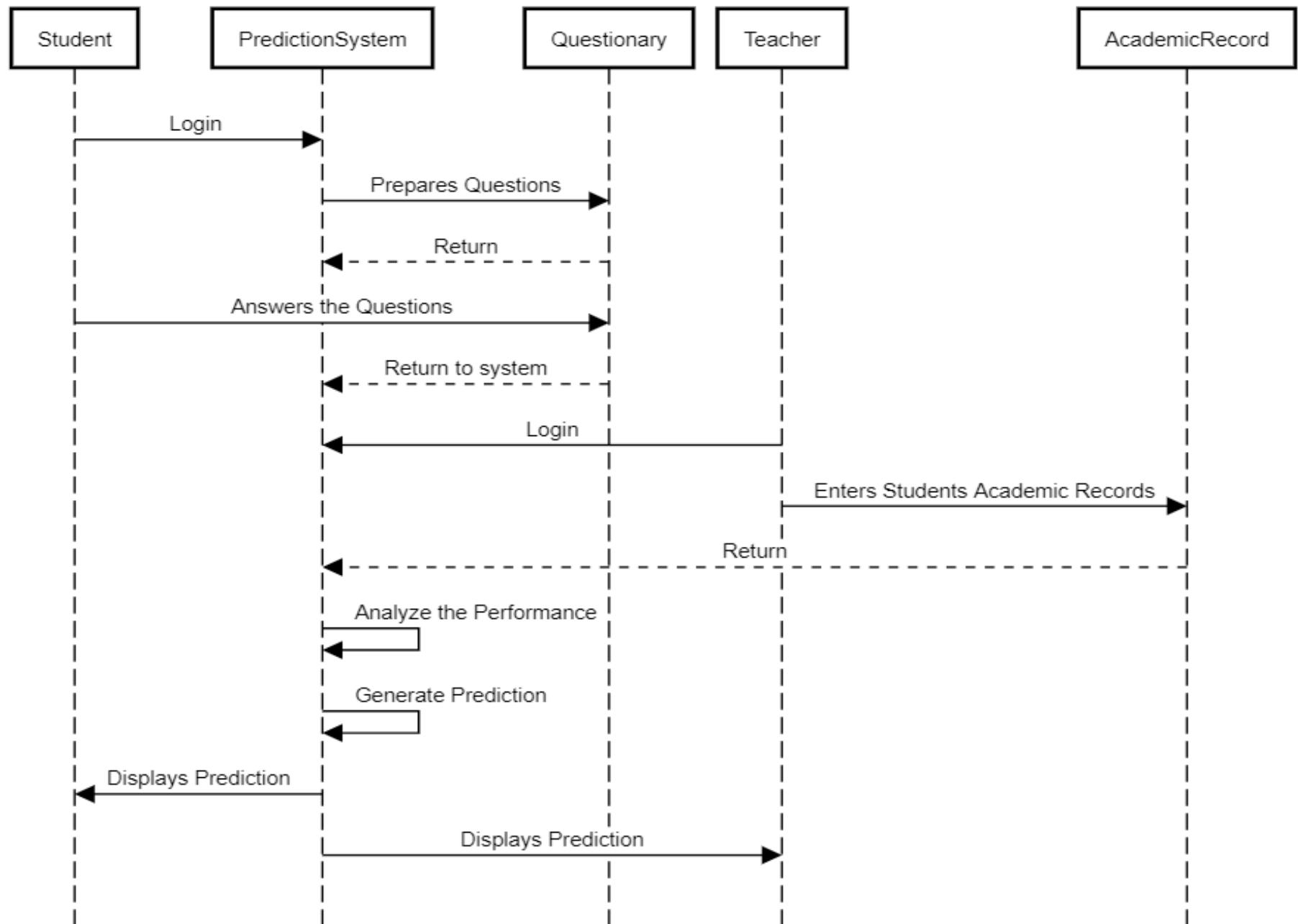
UML DIAGRAMS

1. Use Case Diagram
2. Sequence Diagram

Use Case Diagram
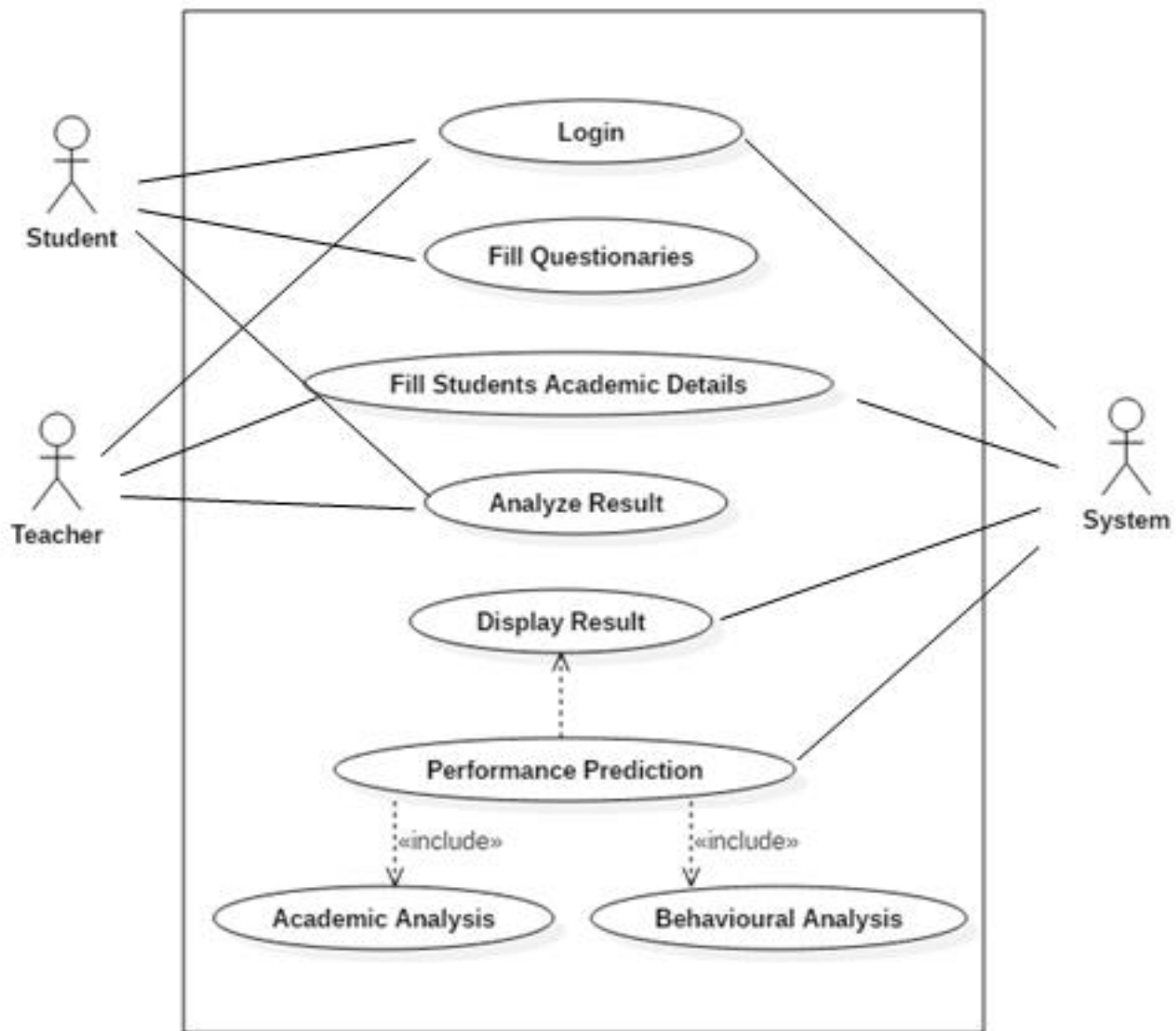
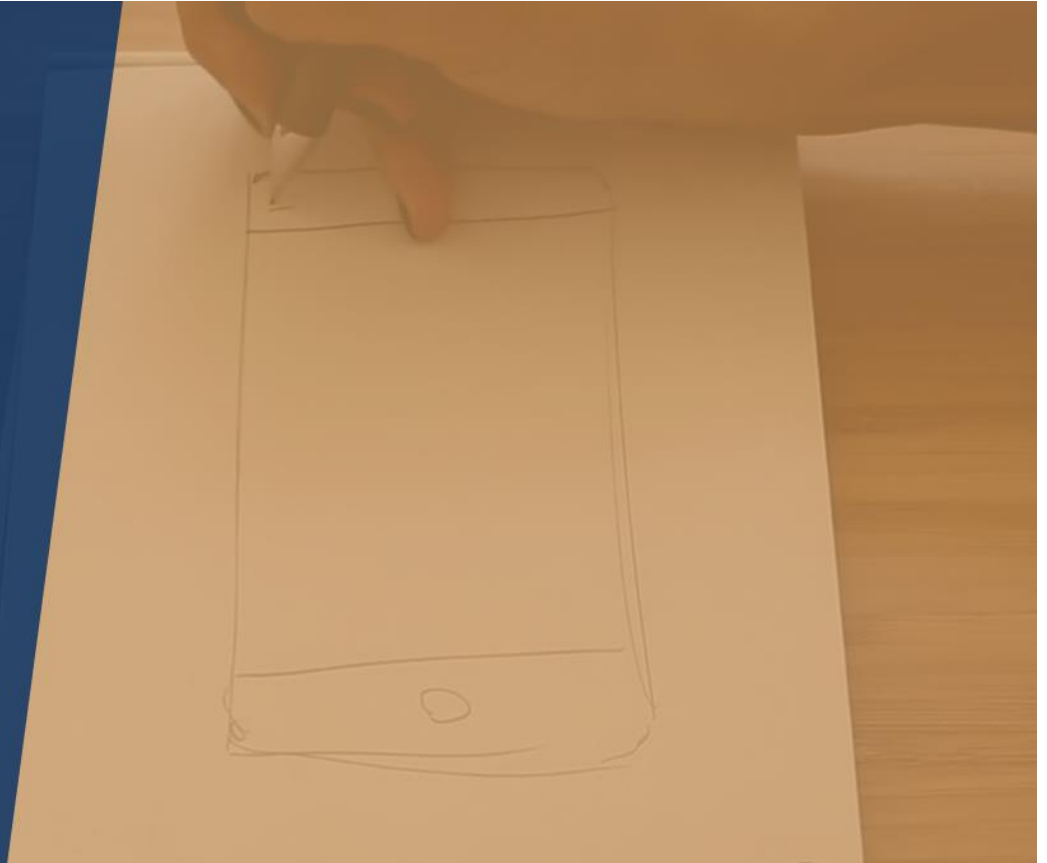# Sequence Diagram

Student Performance Prediction System

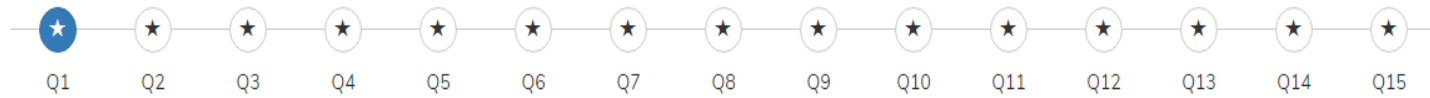# Screen Shots

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Survey Form

Q1   Q2   Q3   Q4   Q5   Q6   Q7   Q8   Q9   Q10   Q11   Q12   Q13   Q14   Q15

Question 1

Do you allow time for exercise and socializing with friends ?

Indicate your extent of agreement with question.

☑ Always   ◯ Most of the time   ◯ Sometimes   ◯ Rarely

Next

Thank You !