**“AITor” EDUCATION PLATFORM – A PERSONALIZED STUDENT PERFORMANCE ANALYZER AND RECOMMENDATION SYSTEM**

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Project Status Document 01

Liyanage N.L.T.N. – IT19188546

(Liyanage M.L.A.P., Thammita D.H.M.M.P., Hirimathugoda U.J.)

B.Sc. (Hons) Degree in Information Technology Specializing in Software Engineering

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology

Sri Lanka

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# Declaration

We declare that this is our own work, and this proposal does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any other university or Institute of higher learning and to the best of our knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

Signature:

|  |  |  |
| --- | --- | --- |
| IT19188546 | Liyanage N.L.T.N. | A close-up of a logo  Description automatically generated with low confidence |

The above candidate is carrying out research for the undergraduate Dissertation under my supervision.

Signature of the supervisor Date

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Table of Contents

[Declaration 2](#_Toc103367888)

[1. Microsoft Teams chats and Meetings with supervisor/co-supervisor/external supervisor 4](#_Toc103367889)

[1.1. Initial Teams group creation 4](#_Toc103367890)

[1.2. Research team members only MS Teams creation 4](#_Toc103367891)

[1.3. Initial Whatsapp group creation 5](#_Toc103367892)

[2. Scheduled Teams discussions 6](#_Toc103367893)

[2.1. Bi-weekly Group only discussions 9](#_Toc103367894)

[2.2. Continuous Discussions in the Whatsapp group 10](#_Toc103367895)

[2.3. Meetings with external supervisor 12](#_Toc103367896)

[3. Project Planner 14](#_Toc103367897)

[4. USER TASK ALLOCATION DETAILS 15](#_Toc103367898)

[5. Project Gantt chart 16](#_Toc103367899)

[6. Work Breakdown Structure 17](#_Toc103367900)

[7. GitLab Charts 18](#_Toc103367901)

[7.1 Commits to master 18](#_Toc103367902)

[7.2 Commits to Development 21](#_Toc103367903)

[7.3 Commits to dev/it19188546 21](#_Toc103367904)

# Microsoft Teams chats and Meetings with supervisor/co-supervisor/external supervisor

## Initial Teams group creation

Graphical user interface, application, Teams

Description automatically generated

## Research team members only MS Teams creation

Graphical user interface, application, Teams

Description automatically generated

## Initial Whatsapp group creation

A screenshot of a computer

Description automatically generated with medium confidence

# Scheduled Teams discussions

Graphical user interface, application

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Graphical user interface, application

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Graphical user interface, application

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## Bi-weekly Group only discussions

Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, application, Teams

Description automatically generated

## Continuous Discussions in the Whatsapp group

Graphical user interface, text, application, chat or text message

Description automatically generatedGraphical user interface, application, Teams

Description automatically generated

Graphical user interface, text, website

Description automatically generated

## A picture containing text, indoor, electronics, computer Description automatically generatedMeetings with external supervisor

A picture containing text, indoor, electronics, computer

Description automatically generated

# Project Planner

Graphical user interface, application

Description automatically generated

Graphical user interface, chart

Description automatically generated

# USER TASK ALLOCATION DETAILS

|  |  |  |
| --- | --- | --- |
| Allocated Tasks | Predicted time | Actual time spent |
| 1. Data gathering  * Gathering Marks * Distributing the datasets among students to get results | 01/12/2022-02/28/2022 (16 days) | 18 days |
| 1. Selecting Algorithms and Technologies.  * Planning the models to be created * For back end * The front end | 03/01/2022- 03/14/2022 (13 days) | 10 days |
| 1. Data Pre-Processing  * remove columns. * remove duplicates. * remove null rows. * one-hot encoding. | 03/28/2022- 04/03/2022 (11 days) | 6 days |
| 1. Implementing ML Algorithm  * Apply timeseries forecast. * Apply ARIMA. | 04/03/2022- 04/21/2022 (24 days) | 18 days |
| 1. Design the Student profile. (early stage)  * use Figma and design the UIs by following the UiUX techniques. | This task belongs to the second phase | 6 days |
| 1. Creating the Back-end API to get the predicted outcome | This task belongs to the second phase | 3 days |

# Project Gantt chart

Chart, timeline

Description automatically generated

# A picture containing graphical user interface Description automatically generatedWork Breakdown Structure

# GitLab Charts

## Commits to master

Graphical user interface, application

Description automatically generated

A picture containing chart

Description automatically generated

Graphical user interface, text

Description automatically generated

Chart, bar chart, histogram

Description automatically generated

Chart, bar chart

Description automatically generated

Chart, histogram

Description automatically generated

## Commits to Development

Graphical user interface, application

Description automatically generated

## Commits to dev/it19188546

Chart

Description automatically generated