**AI Project Logbook**

**PROJECT NAME: MLiature**

**SCHOOL NAME: Tagore Public School**

**YEAR/CLASS: 12 C2**

**TEACHER NAME: Ms.**

**TEACHER EMAIL:**

**TEAM MEMBER NAMES AND GRADES:**

1. Akshay Soni

2. Sparsh Kesarwani

3. Satvik Jaiswal

4. Shreya Jaiswal

5. Tejas Keshari

6. Prince Pandey

# Introduction

# Team Roles

| Role | Role description | Team Member Name |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

* 1. **Project plan**

The following table is a guide for your project plan. You may use this or create your own version using a spreadsheet which you can paste into this section. You can expand the ‘Notes’ section to add reminders, things that you need to follow up on, problems that need to be fixed urgently, etc.

| **Phase** | **Task** | **Planned start date** | **Planned end date** | **Planned duration (hours,**  **minutes)** | **Actual start date** | **Actual end date** | **Actual duration (hours,**  **minutes)** | **Who is responsible** | **Notes/Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Preparing for**  **the project** | Coursework,  readings |  |  |  |  |  |  |  |  |
|  | Set up a team folder  on a shared drive |  |  |  |  |  |  |  |  |
| **Defining the** | Background |  |  |  |  |  |  |  |  |
| **problem** | reading |
|  | Research |  |  |  |  |  |  |  |  |
|  | issues in our |
|  | community |
|  | Team |  |  |  |  |  |  |  |  |
|  | meeting to |
|  | discuss |
|  | issues and |
|  | select an |
|  | issue for the |
|  | project |
|  | Complete |  |  |  |  |  |  |  |  |
|  | section 3 of |
|  | the Project |
|  | Logbook |
|  | Rate |  |  |  |  |  |  |  |  |
|  | yourselves |
| **Understanding** | Identify users |  |  |  |  |  |  |  |  |
| **the users** |  |
|  | Meeting with |  |  |  |  |  |  |  |  |
|  | users to |
|  | observe |
|  | them |
|  | Interview |  |  |  |  |  |  |  |  |
|  | with user (1) |
|  | Interview |  |  |  |  |  |  |  |  |
|  | with user (2), |
|  | etc… |
|  | Complete |  |  |  |  |  |  |  |  |
|  | section 4 of |
|  | the Project |
|  | Logbook |
|  | Rate |  |  |  |  |  |  |  |  |
|  | yourselves |
| **Brainstorming** | Team |  |  |  |  |  |  |  |  |
|  | meeting to |
|  | generate |
|  | ideas for a |
|  | solution |
|  | Complete |  |  |  |  |  |  |  |  |
|  | section 5 of |
|  | the Project |
|  | Logbook |
|  | Rate |  |  |  |  |  |  |  |  |
|  | yourselves |
| **Designing** | Team |  |  |  |  |  |  |  |  |
| **your solution** | meeting to |
|  | design the |
|  | solution |
|  | Complete |  |  |  |  |  |  |  |  |
|  | section 6 of |
|  | the logbook |
|  | Rate |  |  |  |  |  |  |  |  |
|  | yourselves |

| **Collecting and**  **preparing data** | Team meeting to  discuss data requirements |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collecting and**  **preparing data Prototyping** | Data collection |  |  |  |  |  |  |  |  |
| Data  preparation and labelling |  |  |  |  |  |  |  |  |
| Complete Section 6 of the Project  Logbook |  |  |  |  |  |  |  |  |
| Team meeting to plan  prototyping phase |  |  |  |  |  |  |  |  |
| **Prototyping**  **Testing** | Train your model with  input dataset |  |  |  |  |  |  |  |  |
| Test your model and keep training with more data until you think your  model is accurate |  |  |  |  |  |  |  |  |
| Write a program to initiate actions based on the result of your  model |  |  |  |  |  |  |  |  |
| Complete section 8 of the Project  Logbook |  |  |  |  |  |  |  |  |
| Rate  yourselves |  |  |  |  |  |  |  |  |
| Team meeting to  discuss testing plan |  |  |  |  |  |  |  |  |
| **Testing**  **Creating the video** | Invite users to test your  prototype |  |  |  |  |  |  |  |  |
| Conduct  testing with users |  |  |  |  |  |  |  |  |
| Complete  section 9 of the Project  Logbook |  |  |  |  |  |  |  |  |
| Rate  yourselves |  |  |  |  |  |  |  |  |
| Team meeting to discuss  video creation |  |  |  |  |  |  |  |  |
|  | Write your  script |  |  |  |  |  |  |  |  |
|  | Film your  video |  |  |  |  |  |  |  |  |
|  | Edit your  video |  |  |  |  |  |  |  |  |
| **Completing**  **the logbook** | Reflect on the project  with your team |  |  |  |  |  |  |  |  |

|  | Complete sections 10 and 11 of the Project  Logbook |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Review your Project logbook and  video |  |  |  |  |  |  |  |  |
| **Submission** | Submit your entries on  the IBM |  |  |  |  |  |  |  |  |

* 1. **Communications plan**



* 1. **Team meeting minutes (create one for each meeting held)**



# Problem Definition

* 1. **List important local issues faced by your school or community**



* 1. **Which issues matter to you and why?**



* 1. **Which issue will you focus on?**



* 1. **Write your team’s problem statement in the format below.**





# The Users

* 1. **Who are the users and how are they affected by the problem?**



* 1. **What have you actually observed about the users and how the problem affects them?**



* 1. **Record your interview questions here as well as responses from users.**



* 1. **Empathy Map**

Map what the users say, think, do and feel about the problem in this table

| **What our users are saying** | **What our users thinking** |
| --- | --- |
| **What our users are doing** | **How our users feel** |

* 1. **What are the usual steps that users currently take related to the problem and where are the difficulties?**



* 1. **Write your team’s problem statement in the format below.**





# Brainstorming

* 1. **Ideas**

How might you use the power of AI/machine learning to solve the users’ problem by increasing their knowledge or improving their skills?

| AI Idea #1 |  |
| --- | --- |
| AI Idea #2 |  |
| AI Idea #3 |  |
| AI Idea #4 |  |
| AI Idea #5 |  |

High

* 1. **Priority Grid**

Evaluate your five AI ideas based on value to users and ease of creation and implementation.

Low

Easy

EASE OF DEVELOPMENT

Hard

* 1. **Based on the priority grid, which AI solution is the best fit for your users and for your team to create and implement?**

Briefly summarize the idea for your solution in a few sentences and be sure to identify the tool that you will use.





# Design

* 1. **What are the steps that users will now do using your AI solution to address the problem?**





# Data

* 1. **What data will you need to train your AI solution?**



* 1. **Where or how will you source your data?**

| **Data needed** | **Where will the data come from?** | **Who owns the data?** | **Do you have permission to use the data?** | **Ethical considerations** |
| --- | --- | --- | --- | --- |
| **Have** |  |  |  |  |
| **Want/Need** |  |  |  |  |
| **Nice to have** |  |  |  |  |



# Prototype

* 1. **Which AI tool(s) will you use to build your prototype?**



* 1. **Which AI tool(s) will you use to build your solution?**



* 1. **What decisions or outputs will your tool generate and what further action needs to be taken after a decision is made?**



# Testing

* 1. **Who are the users who tested the prototype?**



* 1. **List your observations of your users as they tested your solution.**



* 1. **Complete the user feedback grid**

| What works | What needs to change |
| --- | --- |
| Questions? | Ideas |

* 1. **Refining the prototype: Based on user testing, what needs to be acted on now so that the prototype can be used?**



* 1. **What improvements can be made later?**



# Team collaboration

* 1. **How did you actively work with others in your team and with stakeholders?**





# Individual learning reflection

**11.1. Team Reflections**

A good way to identify what you have learned is to ask yourself what surprised you during the project. List the things that surprised you and any other thoughts you might have on issues in your local community.

**Team member name:**

**Team member name:**

**Team member name:**

**Team member name:**

**Team member name:**

**Team member name:**



# Video link

**Enter the URL of your team video: Enter the password (if any):**

