**Project Title Her (e.g. A deep learning based method for……)**

|  |  |
| --- | --- |
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Note: The title should precisely state the subject of the project. The title is very important to capture the interest of the reader. Avoid vague phrases like "Studies of" or "Investigation of". The entire paper is no less than 4 pages including text, figure, table, and references.

**Abstract**

e.g., Write the abstract in 200 words here. An abstract is a concise paragraph that summarizes the problem, method and conclusions of the article.

…………………………………………………………………………….……………………………………………………………………Note: replace the red text with black text.

**1. Introduction**

**1.1. Problem Specification/Project Description**

e.g., This project aims to tackle a problem that ………. To solve this problem, we propose to …..

**1.2. Significance**

e.g., The problem we deal with plays an important role in…….

**2. Related Works**

**2.1. Review Several Research Works in Most Recent Years**

e.g., Some related works have been proposed to deal with this problem. In 2010, John proposed a method called …….. In 2018, Jane proposed a method ………

**2.1. The Most Similar Research Paper**

Note: In this section, from the above related works you will pick one research paper which is most similar to your project topic. You need to introduce its idea, method and experimental results using text, figures, tables.

e.g., The most related research work is the research paper <……> by research David Jonathon. It’s idea…..

**3. Tasks or/and Preliminary Idea**

e.g., In this project, we will compare the performance of the state-of-the-art methods about XXX problem. Also, we will implement an improved or new method about….. The preliminary idea behind method is ………. The pipeline of the method is shown in Figure 1.

A picture containing clock

Description automatically generated

Figure 1. Pipeline of the method.

**4. Data Acquisition**

e.g., We will collect XXX dataset for this project. This data can be obtained from ……….. We will preprocess this data for ……..

**5. Project Timeline**

|  |  |
| --- | --- |
| Task | Time |
| e.g., 1. Read related research papers/codes and write research proposal. | 9/1 ~ 9/16 |
| e.g., 2. Prepare and obtain the dataset for this project. | 9/17 ~ ?/? |
| e.g., 3. Implement/run the existing models and compare their performance. | ?/? ~ ?/? |
| e.g., 4. Implement improved or new model. | ?/? ~ ?/? |
| e.g., 5. Conduct experiments to compare the method with existing models. | ?/? ~ ?/? |
| e.g., 5. Write the paper. | ?/? ~ ?/? |
| e.g., 6. Prepare the final submission of PPT, code, data, user documentation, final paper, etc. | ?/? ~ ?/? |

**References**

(Please list the related research papers in Section 2. Below text gives the format example).

1. FirstName Alpher, , and J. P. N. Fotheringham-Smythe. Frobnication revisited. Journal of Foo, 13(1):234–778, 2003.
2. FirstName Alpher, , FirstName Fotheringham-Smythe, and FirstName Gamow. Can a machine frobnicate? Journal of Foo, 14(1):234–778, 2004.
3. FirstName Alpher. Frobnication. Journal of Foo, 12(1):234–778, 2002.
4. Actual Author Name. The frobnicatable foo filter, 2014. Face and Gesture (to appear ID 324).
5. Actual Author Name. Frobnication tutorial, 2014. Some URL al tr.pdf.