**Machine Learning Idea Presentation Template**

## Tulshi Das:

Measurement of category(productive/unproductive/neutral) of unidentified app.

## Idea Overview: (Description of the idea in list/paragraph/images)

When intellifriend will detect unidentified/new app, it will measure the probable category of the app through user experience with this app.

## Used Data Sources: (The source list of data that are going to be used)

activity timeline of all users

## Implementation Plan: (How you are going to implement it)

* Use data mining algorithms like k-nearest, decision-tree, Bayesian theory etc.

## User Benefit: (Why user will use it?)

User will know about his/her productivity of used time appropriately.

## Expectancy of user use: (How much user you expect will use it? Expected user type)

All intellifriend users of software industry.

## Possible Development Stack: (Necessary technologies)

Any technology can be used

Pandas: For data processing

## Development Considerations: (Focusing the needs and scopes)

Easy to implement but there are some pros and cons. There needs much data of a large number of user. If the app is used rarely machine learning will not work effectively. Also need to consider the amount of load it will hit the main server.

## Estimated Time to Implement:

It could take about two working weeks to implement.

|  |  |
| --- | --- |
| Work | Time |
| Preprocessing data | 4 days |
| train and testing | 4 days |
| Total | 8 days |

## Future Plan:

It is a continuous learning process. The more time will pass, learning will be more effective.