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Project Summary

for

<Project Management with Machine Learning>

*By*

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# **1-Scope and Introduction:**

Project management companies are constantly working on numerous projects. There’re big teams of people and few leaders responsible for making each project a successful endeavor. Project management tool provides you the ability to easily establish a hierarchy of tasks for effective and efficient completion. It lets you indicate which steps are sequential and which tasks are dependent on one another. It also can be used for efficient task management; assign all the important tasks to employees and monitor how they are performing. Moreover, it gives a team leader a chance to always be able to see the tasks that his team is working on, and which team members are involved in the task. It allows you to collect data about team members, to know their work pace. This will make planning future projects much easier. The team leader can then make much more precise time estimations. Project management tool also supports storage and organization of a variety of documents. It is much easier to perform all the necessary tasks without sending thousands of emails with attached documents where, sooner or later, things become convoluted. As well, having access to calendars of other team members is convenient because sooner or later, a meeting between team members must be organized. So, having access to people’s calendar makes coordinating much easier. The whole workflow becomes improved, as people can collaborate on a variety of tasks. This leads to a significant improvement in productivity, which leads to higher profits in the business world.

# **2: Advantages:**

* Automatic risk factor and performance measure of a project based on the task assigned and prediction of the project completion.
* In case of requirement change, a new expected completion date would be predicted, and a new Gantt chart would be generated automatically.
* Chatbot will automate the manual tasks like arranging a schedule, or sending an email etc.
* A white board will be available for users to share their ideas in raw form i.e., drawing and it can be edited and saved by users. Moreover, a version control system would also be available.
* User can make audio and video conference calls with screen share feature.
* User can use Taskwud in various languages.
* Manager can check the availability and skills of employees and assign tasks to them. When manager will assign tasks, a blueprint of Gantt chart would be generated.
* User can import and export files of all format types.
* Users can send messages within a team and broadcast them.
* The manager can grade performance of employees based on the task assigned and it will be easy when deciding for the next project in future for the manager.
* User can track and report the progress of project. It will show the status and completion date of tasks.

# **3- Application:**

Taskwud is a web app to help project management companies in planning, tracking, organizing projects and hit deadlines. Teams can see project progress, track individual tasks, plan sprints, integrate with other tools and achieve successful launches. As the project progresses, requirements do change and there are chances of facing any difficulty related to managing the project like if a team member is not available and there’s a need to arrange meetings when every department is available. The members do these activities manually, it is time consuming and exhausting. Taskwud will provide them ease in performing their tasks efficiently.