## Solution:

Currently, project management system of many companies looks complex and not familiar with user. The reasons often cause by using so many dry numbers and lacking to use visual items to help user to comprehend.

From current issues of old project management systems; we introduce a new system with domination functions:

* Friendly User Interface
* Add more visual items to help user easy to follow, reduce ambiguous logic, improve performance
* Integrate in mobile phone to improve mobility of system.

Product:

Include functions:

1. **Dashboard**: show diagrams present status of projects which have been created in OOPMS. Project managers and others senior manager can easily track and compare status of their project.
2. **Planner**:
   1. Allow users import Microsoft Project file (\*.mpp) into OOPMS and in the future, users also can edit and export \*.mpp files at OOPMS;
   2. Create task and assign task to team members.
3. **Report**: auto creating report of project weekly and allow Team leader of project add more comments to the report.
4. **Manage Team:** depend on authorization; users can manage list of users of OOPMS and add user to specific project.
5. **Project** **View**: show detail information about a specific project.
6. **Time Tracking**: manage work time of team members.
7. **DMS**: manage defects of projects.
8. **Requirement**: include list of requirement (function, non function). Allow users keep track what requirements have been finished, what change.
9. **Expense Tracking**: keep track Risk, Issue, Change, Budget, Material,… and all of things belong to project.

Benefit of product

OOPMS is a system that supports Project managers totally.

Main model of the system are website system link to an android application.

At the website, Project manager can setup and manage any software project easily via Dashboard system and Report system which are updated continuously day by day.

A special benefit of OOPMS system is portability. With an android mobile, you can check your project status at any time anywhere.

## Main Acceptable Criteria:

* The system can be used like “always on” system.
* Mean Time between Failures (MTBF): 1Years.
* Mean Time To Repair (MTTR): less than 24 hours.
* Accuracy: 100%
* Critical bugs:

+ Loss of all data: no

+ Unable to use part of the system’s functionality: not any

* Performance:
  + response time for a search:
    - Average: 250 millisecond / search
    - Maximum: 500 millisecond / search
* Bugs per KLOC: 50

## License:

* Apache License 2.0