**A SYSTAMATIC SOLUTION FOR ORGANIZATION**

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**Team Pulse** is an easy-to- use project management tool that supports agile best practices and enables developers and non-developers to work seamlessly, across projects and departments, providing a clearer picture of tasks and priorities. Team Pulse is a periodical survey of team members. It provides leaders and teams a simple and on going view into important team dynamics such as collaboration and decision making. Weekly or monthly mico-surveys allow leaders and teams to view the teams perceived performance and facilitate discussions on working together effectively.

**MODULES**

1. Project Creation
2. Task
3. Users
4. Report Generation
5. Settings

**SCOPE**

* Improved processes and methodologies; increasing productivity.
* A central repository for information and customer feedback.
* Realignment of priorities, based on demand and workload.

**OBJECTIVE**

The main objective of team pulse is to improve the productivity of an organization.

**TECHNOLOGY**

**PHP**

The **PHP** Hypertext Pre Processor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web based software applications.

**Yii2**

The **Yii2** framework is an open-source PHP framework for rapidly-developing, modern Web applications. It is built around the Model-View-Controller composite pattern. Yii provides secure and professional features to create robust projects rapidly.

**MySQL**

**MySQL** is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

**HARDWARE AND SOFTWARE SPECIFICATION**

**Hardware Requirements**

* Minimum 350MB Hard Disk space for installation
* 4GB HD space required for a typical live system with 1000-2000 events
* Recommended minimum CPU - Pentium 4, 3.2GHz
* Recommended 4GB RAM for a Central Server with 3 Nodes
* Network card

**Software Requirements**

* PHP YII2
* MySQL

**DEVELOPMENT METHODOLOGY**

**SCRUM**

In the agile Scrum world, instead of providing complete, detailed descriptions of how everything is to be done on a project, much of it is left up to the Scrum software development team. This is because the team will know best how to solve the problem they are presented.

Within agile development, Scrum teams are supported by two specific roles. The first is a Scrum Master, who can be thought of as a coach for the team, helping team members use the Scrum process to perform at the highest level.

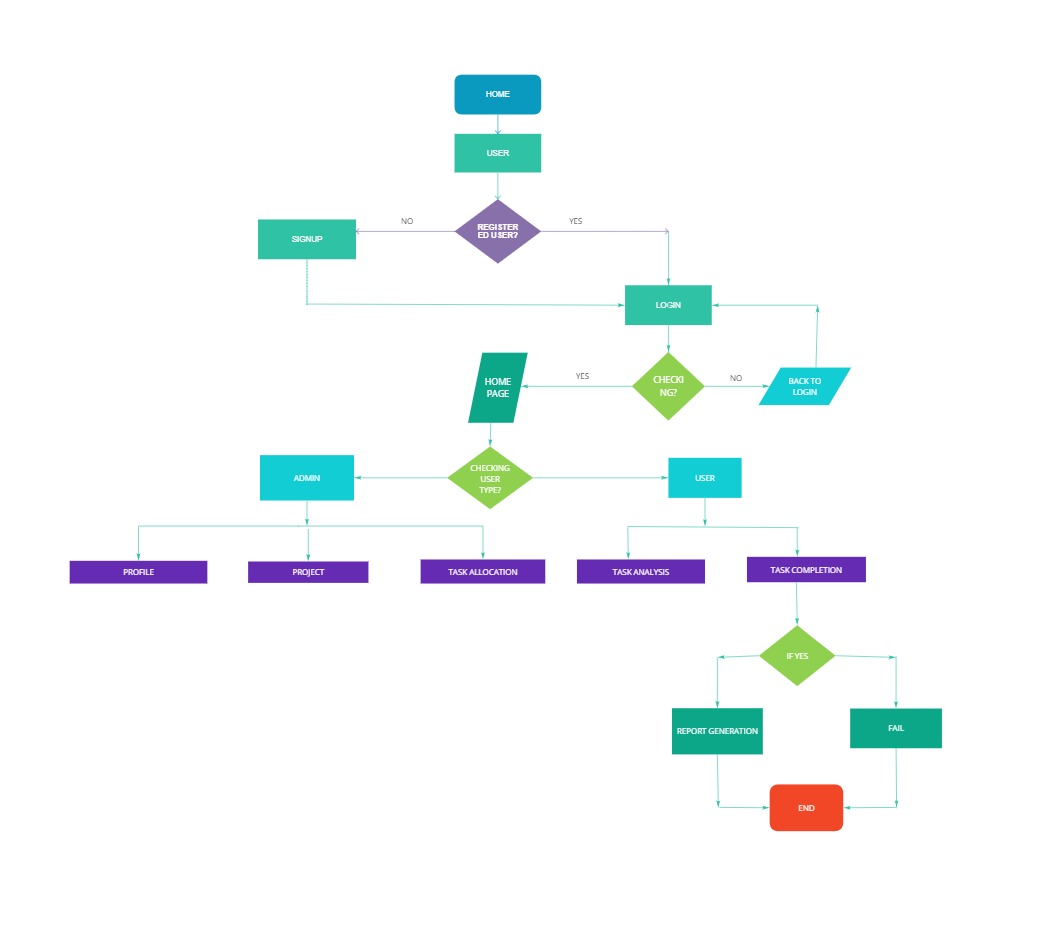
The product owner (PO) is the other role, and in Scrum software development, represents the business, customers or users, and guides the team toward building the right product.

The Scrum model suggests that projects progress via a series of sprints. In keeping with an agile methodology, sprints are time boxed to no more than a month long, most commonly two weeks.

During an agile Scrum sprint, the Scrum team takes a small set of features from idea to coded and tested functionality. At the end, these features are done, meaning coded, tested and integrated into the evolving product or system.

On each day of the sprint, all team members should attend a daily Scrum meeting, including the Scrum Master and the product owner. This meeting is time boxed to no more than 15 minutes. During that time, team members share what they worked on the prior day, will work on that day, and identify any impediments to progress.

**FLOW CHART**

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