**Software Requirement Document for Unikreative Teamwork**

1. **Introduction**
   1. **Purpose**

This document describe functional and non-functional requirements for Unikreative Teamwork system.The document will outline functionality for the system and intent of the system.

* 1. **Scope**

The Unikreative Teamwork system aim to project management.The system will follow the software development process(Scrum,Algile,Waterfall….)

1. **General Description**
   1. **System Prespective**

The system will be focus on project management where admin can manage project from start to end.Every project will divide into 4 phase

* Get Requirement
* Development
* Release
* Close

Get Requirement phase

Sale team will receive the requirement from customer to create a website or application.After finalize agreement sale team will transfer requirement to PM and Team Lead to analyze the requirement.After completed finalyze requirement they will start to create a new project with customer account(for customer to catch up working flow) and add team member to that project.

Delopment phase

PM can manage user,assign role for each task, project. PM will create a task and subtask(optional) and assign each member to a task. PM can add working rate per hours for each member in general and in each task. Team member can start to work on that task. Team member can give estimation(hour,day) for each task, add complete progess, add tag for task, set priority, add comment for each task.When member completed a task member will mark the task as “waiting approved”. The PM will review that task if everything is ok PM will completed that task for member

After development phase

Accountant then will finalize total amount of the task member working then export the allowance sheet for PM.

Release phase

The project will be release for whole team to test and comment if there any issue occurred and member will fix bug until it’s done.Release phase PM will notify for customer to start testing so they can feedback for that project

Close phase

The project will be transfer to maintainance phase and team will be monitor if there any error occurred

* 1. **Use classes and Characterostics**

Admin: The one who have full control over system

Team member: Dev,Designer, Accountant each member will have specific role for the task in each project.

Dev: Develop application base on requirement,fix bug,unit test

Designer: Sketch up the UI base on client requirement.

Accountant : Summarize income for company,summarize income for each member for each task

Client: Preview working task progress and catch up with team .

1. **Requirement**

**3.1. Funtional Requirement**

* Admin can set role for member , can read , write log for a task
* Admin can manage template for dealer price, manage project
* Admin can manage client info,company
* Admin can manage list of Account,User,Group
* Accountant can summarize payment for project
* Accountant can import invoice
* Accountant can summarize total income
* Member can log time,comment,add ETA,add tag ….
* Member can see another project activity but don’t have permission to edit anything
* Member can self asign task,add subtask

**3.2 NonFuntional Requirement**

* Implement Unit of work,Repo pattern
* Implement Single Page
* Implement JWT Authorization
* If any errors occurred system will log errors and send email to dev team

**4 Main Application Flow Procress**

**4.1 Create new account**

Create new user account: When admin create new user account with info name, account name,primary role,email,phone etc …. System will send invitation email to the user. When user click to the link in the email it will redirect to the website and activated that account

Create new client account: When admin create new client account with info name, account name,primary role,email,phone etc and the fields they are current working with …. System will send invitation email to the client. When client click to the link in the email it will redirect to the website and activated that account

**4.2 Create new project**

When admin create new project admin will need to provide project name, project description, team member for that project, what role for team member, invite client to that project so client can catch up process of that project.

When create new project done admin can start to add a task to the project,assign specific task for specific client. System will send email to notify user for the task thay have been assigned with.

**4.3 Working with each task**

When member done the task they will mark the status for the task as “Waiting approval”. Admin will review the task to check the user completed that task or not if ok admin will mark the task as done and set status to “Approval”. If not admin will comment in that task and send feedback to member.

Member can set progress completed for each task, set ETA for each task, set day completed, add tags for the task ( fix bug, maintain ….)

In the comment member or admin can upload file for further detail

**4.4 Summarize allowance for each member in the project**

In one project member will be assigned for multiple task. The allowance will be calculate base on the working rate per hours \* total hours the member working in that task.

Accountant will summarize final allowances for each member in that project after the project is completed.