**SCOPE OF WORK (SOW)**

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| --- | --- |
| **Title** | Konark Global Project Management System |
| **Type** | Web Application |
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| **Date** | 12/07/21 |
| **SOW No.** | TG- |

**Konark Global Project Management System Application**

* Multiple User Login System with Different 3 level of Authority that User can Access as (Admin, Manager and Engineer).
* Admin has all right reserved.
* Admin, Manager, Engineer has their level of right.
* After login Admin can create/edit/list/view project.
* Admin and Manager can create project activity with project number & equipment combination.
* Multiple activities can be created for Design, Purchase, Production departments.
* Design department user will create design projects.
* Purchase department user will create purchase projects.
* Production department user will create production projects.
* Reports section contains all department activities reports.
* **The Features of Web Application**
  + Easy to handle Projects, Activities, Employee, Department, Skills, Activity data, Equipment as we will make masters.
  + Immediately send detailed projects activities by email.
  + Reports section for all department activities.
  + Mobile, Computer platform independent.
  + Project management system.

**Description of Admin side:**

**A. Admin**

**B. Manager**

**C. Engineer**

1. **Admin Section:**
2. Admin is the highest authority.
3. Manual facility to create project and activity for design, purchase, production and quality departments.
4. Dashboard with Projects, My Activities, Department, Employee, Equipment, Skills, Activity etc.
5. Admin create client/employee with name, email, contact no.
6. Admin create projects with multiple equipment.
7. Admin create activity, skills, department and equipment masters.
8. Admin track all department activities.
9. Admin add departmental activity to a person with start date, target date, completion date and release date of the activity.
10. Admin can create view reports.
11. **Manager Section:**
12. Manager can create/update a project with unique project number, client, PO date, Delivery date with multiple equipment.
13. Department wise access is given to managers. For example design department manager can create/update/view design activities only.
14. Manager create one or more activities for project and equipment combination.
15. Manager can generate/view department wise reports.
16. **Engineer Section:**
17. Department engineer can view all the activities assign to him.
18. Engineer can update the activity date like completion date of the activity, client approval, revision no, activity delay and reason etc.

D) **Report Section:**

1. Project status report.
2. Project health report.
3. Team Availability report.
4. Risk report.
5. Variance report.
6. Time Tracking Report

E) **Database**

* **Masters**
* Users
* Client
* Activity Data
* Skill Master
* Status Master
* Equipment
* Employee
* Department (Design/Purchase/Production/QA)
* Project design standard referred
* General Materials.

**Technical Aspects**

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| Technologies | PHP – An open source platform |
| Framework: | Codeigniter – A MVC framework |
| Database | MySQL – Open source database |
| Domain URL | http://services.konarkglobal.com/pms/ |
| Domain and Hosting provider | To be defined |