1. **INTEGRATED SITUATION:**

SWISS CONTACT is a Non-Governmental Organization Located at Kigali/Gasabo, They works in Rwanda to reduce youth joblessness, increase incomes of agricultural households, and encourage entrepreneurship and innovation for a population living in rural and peri-urban surroundings. They are organizing a skills competition among all TVET schools from western province, but they don’t have the way they can receive the project from TVET schools in different districts. They want to hire a web application developer who can develop the online application that will be used by the schools to submit the best projects to be reviewed and selected for the final completion presentation.

As a student who have got the skills in software development, develop a web application that enables SWISS CONTACT to manage those activities.

**TASK:**

**INFORMATION**

The application will have the following information:

1. **Home page:**

* Admin login with username and password

1. **Admin panel:**

* **Admin Dashboard page**
* Retrieving number of registered schools
* Number of submitted projects
* The current date
* **Manage Schools**
* Add new school
* Edit school information
* Delete schools
* Revoke/Grant Schools
* Print the list of registered schools
* Search for specific school
* **Manage Project**
* View list of submitted projects
* Search for specific project
* Download project proposal
* Set project status (Select/Reject)/Edit
* **Manage Settings**
* Change profile
* Change username
* Change password
* **Logout**

1. **School panel**

* **School dashboard page**
* Number of project submitted by that school
* Current date and time
* **Manage project page**
* Add project
* Search for specific project
* Edit pending project
* View status of project (Selected/Rejected)
* Print the list of projects
* **Manage Settings**
* Change profile
* Change username
* Change password
* **Logout**

The designed database is below:

**Database Name:** swiss\_contact

**Tables:**

* Users(user\_id(pk), Names, Email, Username, Password)
* Schools(school\_id(PK), Shool\_name, District, Sector, Phone, Email, Username, password)
* Projects(Project\_id(PK), Project\_Name, Project\_owner, Project\_file, (school\_id(FK),)

**INSTRUCTIONS**

* Create a New folder in your web server and rename it with your FirstName\_LastName\_SchoolName
* Creating correctly login for SWISS CONTACT Admin.
* Creating correctly login for SCHOOL Admin.
* The application uses sessions.
* Background must be the same for all pages**.**
* The web application is needed within 4 hours

**THINKS TO BE CONSIDERED WHEN MARKING**

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| --- | --- |
| 1 | Swiss\_contact database is well created |
| 2 | Tables are well created |
| 3 | Admin login is well created and working properly |
| 4 | School login is well created and working properly |
| 5 | Number of registered schools are well displayed |
| 6 | Number of registered projects are well displayed |
| 7 | Current date is well displayed |
| 8 | Admin can add new school successfully |
| 9 | Admin can edit school information successfully |
| 10 | Admin can delete school successfully |
| 11 | Admin can Revoke/Grant successfully |
| 12 | Admin can print list of schools report successfully |
| 13 | Admin can view the project proposal submitted |
| 14 | Admin can download submitted project proposals |
| 15 | Admin can set project status (Selected/Rejected) |
| 16 | Admin can search a specific school |
| 17 | Admin can search a specific project |
| 18 | Users can change settings of their profile Information |
| 19 | Users can logout |
| 20 | Primary keys are clearly defined |
| 21 | Foreign keys are well defined |
| 22 | School admin can add new project |
| 23 | School admin can edit pending project |
| 24 | School admin can view the project status |
| 25 | School can print the list of their projects |
| 26 | Session is well established |
| 27 | Session is destroyed |

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