PROJECT REPORT

TEACHER'S PORTAL

Project Guide:

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Abstract

The main intention of the portal is to connect teachers together. The teachers portal is meant to be used as a simple guide for teachers who are looking to explore new teaching methods and resources to improve pupil's learning.

Any teacher can register into the portal and can communicate with others or share their views on particular topics.

Modules

- Admin
- Users
- Registered users.

Module description

Admin

The administrator has the power to manage the portal.

Users

There are two types of users;

- ❖ Registered users
- ❖ Visitors

Registered users can login into their account and may update the profile. They are able to join the group they want and discuss about the topic. Also he/she can create a group and share a to be discussed. Registered users are able to upload their notes on various subjects and so others can download it. And also they can view dates and venue of

courses/workshops happening uploaded by other users and can make use of it. Each registered user can view and upload the details of any job vacancies, exams etc..

Google API

The Google API used in the system is Google Map for finding the location of courses/workshops, and also for the job vacancies provided.
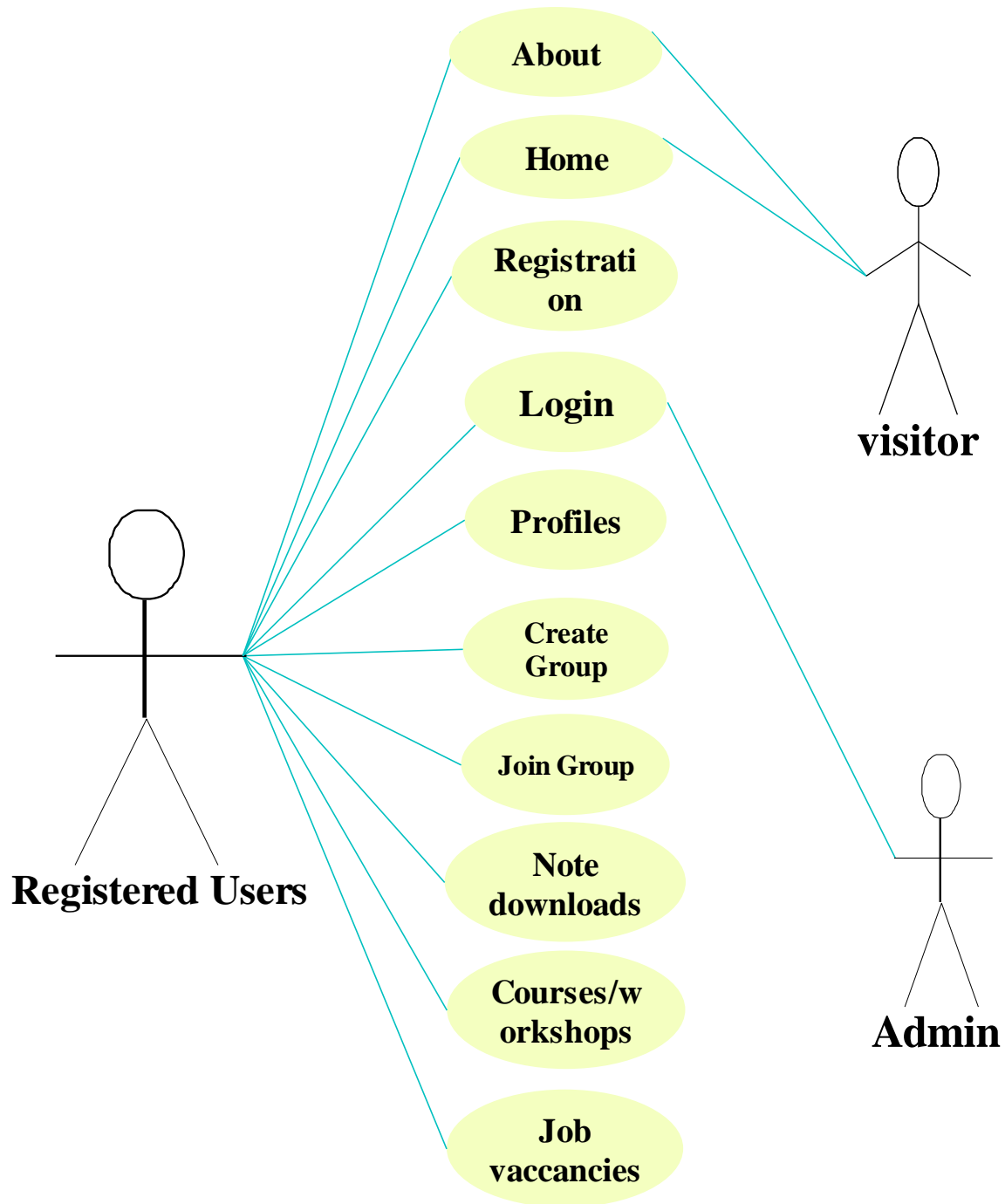
USE CASE DIAGRAM

Table Design

Table Name : tbl_login

Remarks:Table used to store the username and password.

Primary Key : u_name

Field Name	Data Type	Size	Description
u_name	varchar	50	Username
password	varchar	10	Password

Table Name : tbl_registration

Remarks:Table used to store the basic details.

Primary Key : u_id

Foreign Key : u_name references tbl_login

Field Name	Data Type	Size	Description
u_id	int	4	User id
u_fname	varchar	20	User's First name
u_lname	varchar	15	User's Last name
u_name	varchar	50	Username
password	varchar	10	Password

Table Name : tbl_job

Remarks:Table used to store the details of job vacancies provided.

Primary Key : j_id

Foreign Key : u_id references tbl_registration.

Field Name	Data Type	Size	Description
j_id	int	4	Job id
j_location	varchar	30	Job Location
j_designation	varchar	30	Job Designation
j_vac	int	4	No of vacancies available
u_id	int	4	User id

Table Name : tbl_workshops

Remarks: Table used to store the details of courses/workshops provided.

Primary Key : w_id

Foreign Key : u_id references tbl_registration

Field Name	Data Type	Size	Description
w_id	int	4	Workshop id
u_id	int	4	User id of the user providing details.

w_location	varchar	30	Location of the course.
w_name	varchar	30	Workshop's name
w_date	Date	3	Date of workshop
w_time	Time	5	Time of workshop conducting.

Table Name : tbl_notes

Remarks:Table used to store the details of notes added.

Primary Key : n_id

Foreign Key : u_id references tbl_registration.

Field Name	Data Type	Size	Description
n_id	int	4	Note id
u_id	int	4	User id
n_subject	varchar	30	Subject of note adding.
n_note	varchar	200	Note uploading

Table Name : tbl_group

Remarks: Table used to store the details of the groups.

Primary Key : g_id

Field Name	Data Type	Size	Description
g_id	int	4	Group id
g_name	varchar	20	Group name
g_admin	varchar	50	Leader of the group
g_topic	varchar	100	Topic to be discussed
g_date	Date	3	Date of group created

Table Name : tbl_groupmembership

Remarks: Table used to store the details of the users i.e., which user belongs to which group.

Primary Key : gm_id

Foreign Key : u_id references tbl_registration

Field Name	Data Type	Size	Description
gm_id	int	4	Group membership id
u_id	int	4	User id
g_id	int	4	Group id

u_name	varchar	50	Username
g_topic	varchar	100	Group topic
g_name	varchar	20	Group name

Table Name : tbl_user

Remarks: Table used to store the details of the users .

Primary Key : us_id

Foreign Key : u_name references tbl_login

Field Name	Data Type	Size	Description
us_id	int	4	Note id
u_name	varchar	50	Username
g_date	Date	3	Date of group created
g_name	varchar	20	Group name
us_joingroup	varchar	100	In which groups were joined

Table Name : tbl_request

Remarks: Table used to store the details of the requests send .

Primary Key : r_id

Foreign Key : u_id references tbl_registration

Field Name	Data Type	Size	Description
r_id	int	4	Request id
u_id	int	4	User id
g_admin	varchar	50	Leader of the group
r_date	Date	3	Request send date.
r_accdate	Date	3	Request accepted date.

Table Name : tbl_reply

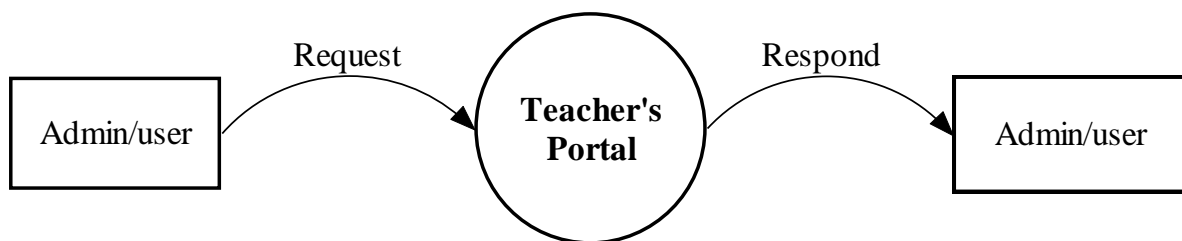Remarks: Table used to store the details of the reply send .

Primary Key : re_id

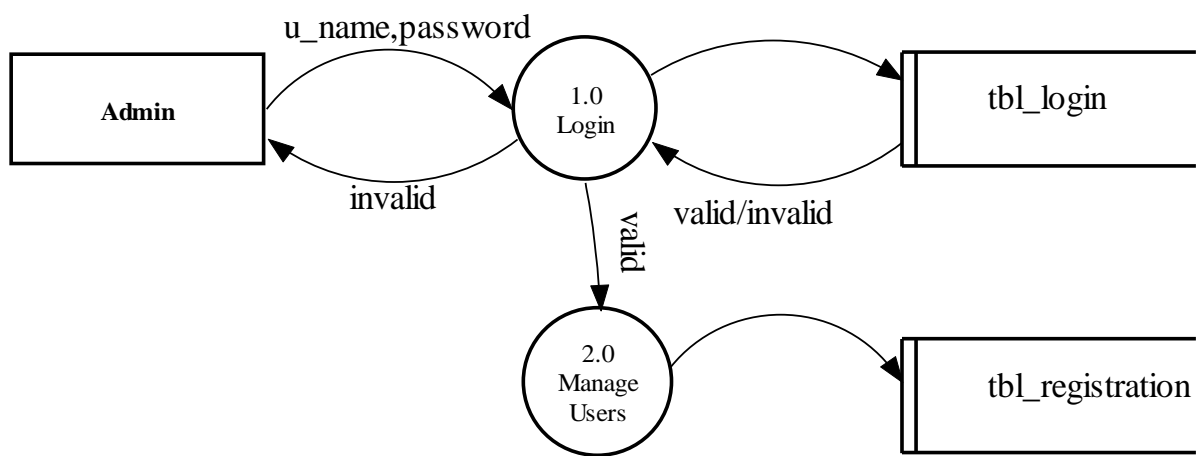Foreign Key : u_id references tbl_registration

Field Name	Data Type	Size	Description
re_id	int	4	Reply id
u_id	int	4	User id
re_message	varchar	100	Reply message
g_id	int	4	Group id

Data Flow Diagrams

| Admin/user | → Request → | **Teacher's Portal** | → Respond → | Admin/user |

Level 1 DFD for Admin

Level 1 DFD for Users

new user → 1.0 Registration → reg.details → tbl_registration

User

u_name,password → 2.0 Login

valid/invalid → tbl_login

invalid

valid

3.0 User Activity

3.0.7 Job vaccancies → tbl_job

3.0.6 Add Course → tbl_workshops

3.0.5 View course

3.0.4 Create group → tbl_group

3.0.3 Join group → tbl_group

3.0.2 Add notes

3.0.1 Download notes → tbl_notes