FITNESS SOLUTION

ABSTRACT

FITNESS SOLUTION is a mobile application that use to connect the branches of a gym. Developed exclusively for our members, This app also a health and fitness tracking app, a gym membership account manager, a group exercise class schedule, daily workout schedule, different food menus, gym access code, fees details, and more. Our members can get exclusive Pro Shop deals, connect their favorite fitness tracking device or app, set fitness goals, record workouts, and track progress over time – all in one place!

The gym owners can add their exclusive new membership details and offers in the membership package. Access and manage membership account straight from the smartphone. Conveniently update the members account and billing information, make payments and see the members check-in history. Users can workout any branches of the gym by the gym access code in the application.

ROLES:-

Admin

Admin can view and monitor all the processes and transactions in the system. Admin can also remove the company from the system.

Users

Registered user

A candidate will be the one who works in a company registered to this system. He will have to attend the exam as per the order of the company. He will be provided with login id and password which will be generated automatically when the companyaccepted.

Guest User

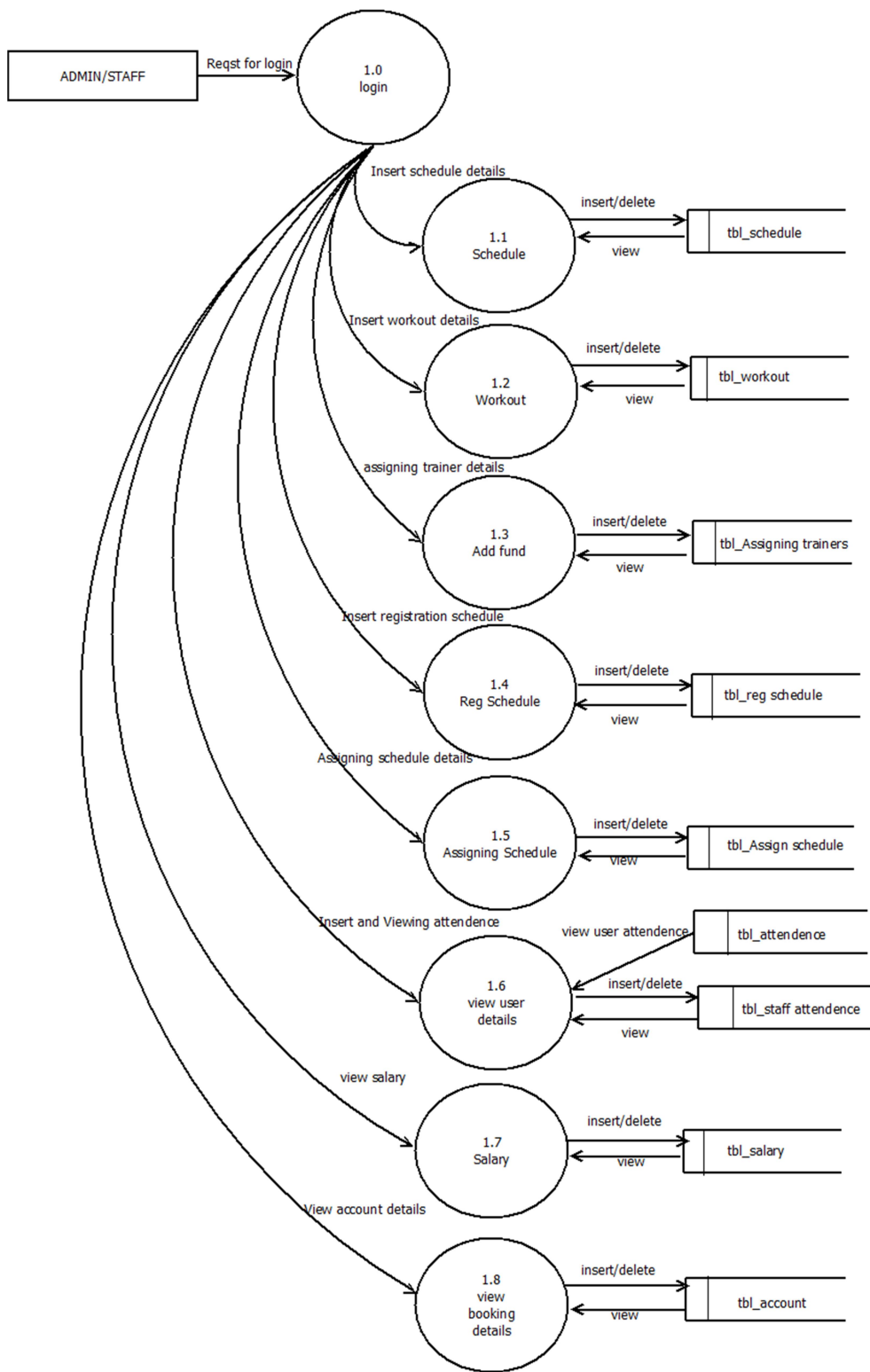Guest user will not be having login but he van view all the stuffs in the website. He can also provide feedback/complaints.

DATA FLOW DIAGRAM

CONTEXT LEVEL

```
                    request                          request
ADMIN/STAFF  ────────────►  FITNESS SOLUTION  ────────────►  user
            ◄────────────                      ◄────────────
                   responds                          responds
```
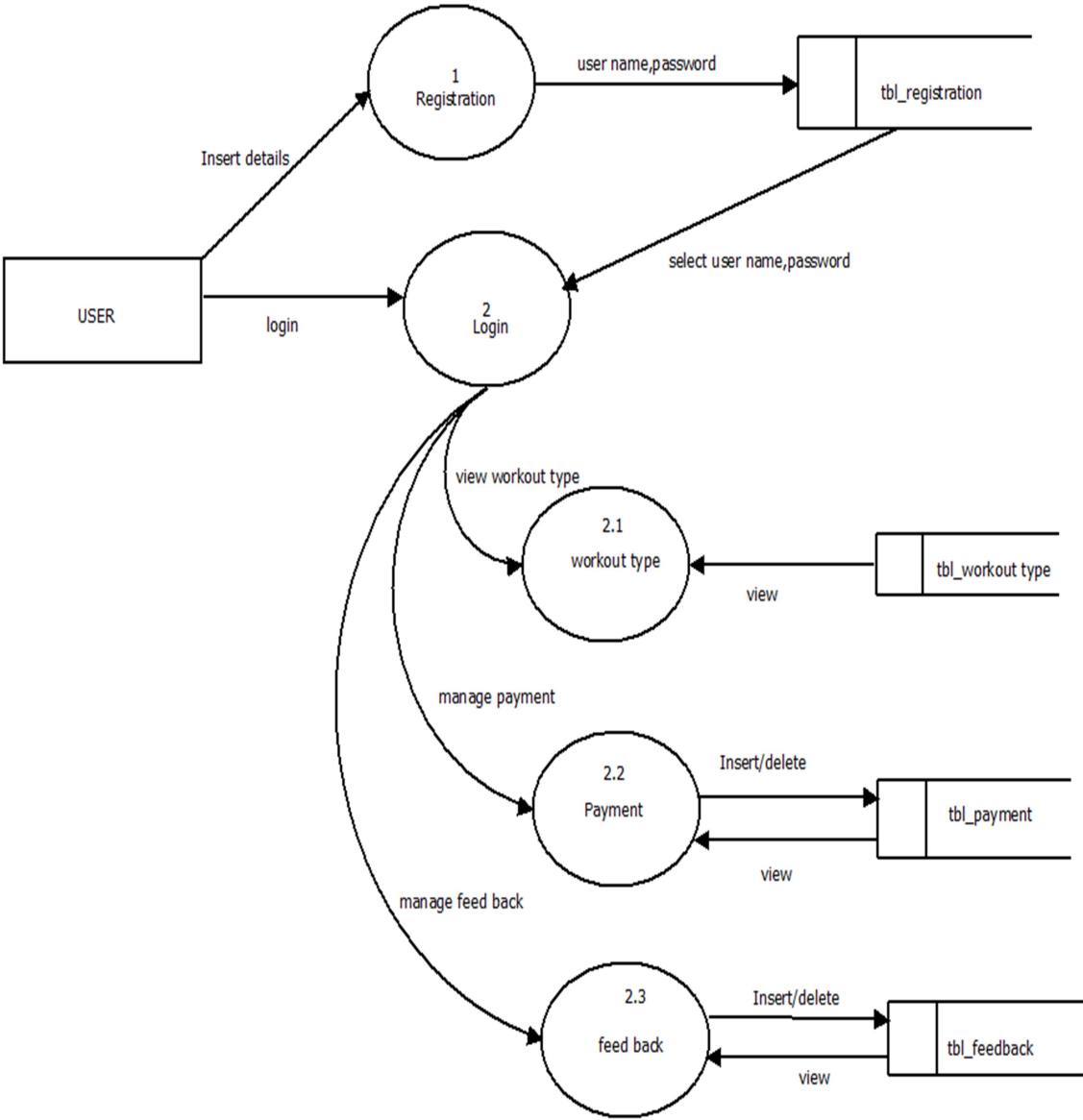
ADMIN/STAFF   LEVEL

ADMIN/STAFF

Reqst for login →

1.0 login

Insert schedule details

1.1 Schedule — insert/delete → tbl_schedule ← view

Insert workout details

1.2 Workout — insert/delete → tbl_workout ← view

assigning trainer details

1.3 Add fund — insert/delete → tbl_Assigning trainers ← view

Insert registration schedule

1.4 Reg Schedule — insert/delete → tbl_reg schedule ← view

Assigning schedule details

1.5 Assigning Schedule — insert/delete → tbl_Assign schedule ← view

Insert and Viewing attendence

1.6 view user details — view user attendence → tbl_attendence — insert/delete → tbl_staff attendence ← view

view salary

1.7 Salary — insert/delete → tbl_salary ← view

View account details

1.8 view booking details — insert/delete → tbl_account ← view

USER LEVEL

USER — Insert details → **1 Registration**

1 Registration — user name,password → tbl_registration

USER — login → **2 Login**

tbl_registration — select user name,password → **2 Login**

2 Login — view workout type → **2.1 workout type**

tbl_workout type — view → **2.1 workout type**

2 Login — manage payment → **2.2 Payment**

2.2 Payment — Insert/delete → tbl_payment

tbl_payment — view → **2.2 Payment**

2 Login — manage feed back → **2.3 feed back**

2.3 feed back — Insert/delete → tbl_feedback

tbl_feedback — view → **2.3 feed back**

TABLE STRUCTURE

1. Table Name: tbl_user_reg

Field Name	Type	Description
User_id	int	Primary key.
User_name	Varchar(50)	User name
Address	Varchar(50)	User address
Phno	Varchar(50)	User phone number
Email	Varchar(50)	Email id
Gender	Varchar(50)	Gender of user
Meritalstatus	Varchar(50)	Single or married
Height	Int	Measures in cm
Weight	Int	Measures in cm
Branch_id	Int	Foreign key from the table branch
Regfee	Int	Fee collected from the user
Date	Date	Registering date
Photo	File	Photo of the user
Status	Varchar(50)	Account is blocked or not
Username	Varchar(50)	Username to login
Password	Varchar(50)	Password for login
Qrcode	Varchar(50)	Access by gym trainer to workout in any branch
Dob	Date	Date of birth
workout_id	Int	Foreign key from table workout

2. Table Name: tbl_staff

Field Name	Type	Description
Staff_Id	int	Primary key
staff_name	Varchar(50)	Name of staff
staff_address	Varchar(50)	Address of staff
staff_email	Varchar(50)	Email id
staff_gender	Varchar(50)	Male or female
staff_phnno	Varchar(50)	Staff phone number
staff_dob	Date	Date of birth
Desig_id	Int	Foreign key from table designation
staff_joindate	Date	Joining date of staff
staff_username	varchar(50)	Username for login
staff_password	Varchar(50)	Password for login

3. Table Name: tbl_branch

Field Name	Type	Description
Branch_Id	int	Primary key
Branch_name	Varchar(50)	Name of the branch
Branch_addres	Varchar(50)	Address of branch
Branch_phnno	Varchar(50)	Branch phone number

4. Table Name: tbl_workouttype

Field Name	Type	Description
Workouttype_id	Int	Primary key
Workouttype_name	varchar(50)	Name of the Workout
Workouttype_description	varchar(50)	Description about the workout

5. Table Name: tbl_designation

Field Name	Type	Description
Desig_id	Int	Primary key
Desig_name	Varchar(50)	Name of the designation
Desig_description	Varchar(50)	Description about the designation

6. Table Name: tbl_assign_trainer

Field Name	Type	Description
assign_trainer _id	int	Primary key
User_id	Int	Foreign key from table user
Staff_id	Int	Foreign key from table staff
assign_trainer _date	Date	Current date

7. Table Name: tbl_workout

Field Name	Type	Description
workout _id	int	Primary key
workout _name	Varchar(50)	Name of the workout

8. Table Name: tbl_reg_schedule

Field Name	Type	Description
Schedule_id	int	Primary key
Workout_id	int	Foreign key from table workout
` Schedule_date	Date	Date schedule creating
Schedule_no	Int	Number of the schedule

9. Table Name: tbl_attendance

Field Name	Type	Description
Attendance_id	Int	Primary key
User_id	Int	Foreign key from table user
Attendance_date	Date	Current date
Attendance_time	Time	Current time

10. **Table Name: tbl_assignschedule**

Field Name	Type	Description
Assignschedule_id	int	Primary key
Schedule_id	Int	Foreign key from table schedule
User_id	Int	Foreign key from table user

11. **Table Name: tbl_payment**

Field Name	Type	Description
Payment_id	int	Primary key
User_id	int	Id of the customer
Payment_date	Date	Current date
Payment_type	Varchar(50)	Cash or credit
Payment_amount	Int	Total amount
Payment_month	Varchar(50)	Payed month

12. **Table name: tbl_staff_attendance**

Field Name	Type	Description
staff_attendance _id	int	Primary key
staff_id	int	Id of the staff
staff_attendance_date	Date	Current date
staff_attendance_intime	Time	Staff intime
staff_attendance_outtime	Time	Staff outtime

13. Table name: tbl_salary

Field Name	Type	Description
Salary_id	int	Primary key
Salary_date	Date	Current date
` Salary_amount	int	Amount payed
Staff_id	Int	Foreign key from table staff

14. Table name: tbl_account

Field Name	Type	Description
Account_id	int	Primary key
Particular	Varchar(50)	Description about the dtails
Credit	Double	Total credit amount
Debit	Double	Total debit amount
Balance	Double	Total balance
Account_date	date	Current date

15. Table name: tbl_Feedback

Field Name	Type	Description
Feedback_Id	Int	Primary key
User_Id	Int	Foreign from tbl_Registration
Description	Varchar(50)	Description about the feedback