



ONLINE DIET MANAGEMENT **PROGRAMME**

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ONLINE DIET MANAGEMENT PROGRAMME

Introduction:

Diet Program is an Online-based public service program, which helps people in maintaining their diet by taking help from experts. This application consists of several groups classified based on the BMI (above 25 and below 25). In each group, relevant tips and plans will be shared on how to maintain a healthy diet.

End-users:

This application classifies users into 3 types. They are Admin, Motivator and Challengers. Here Admin is the main root user, who can perform all actions. Such as Posting in group, Approving and Rejecting user requests, Promoting users and Removing users, Views daily log and Monthly Measurements entered by the challenger. Whereas Motivator is someone who was once a user, now promoted as motivator who can also perform certain actions in that particular group. Messages, Links and Files regarding Tips and Diet Plans will be posted in appropriate group by Admin/Moderators, where challengers from that group can make use of it.

Technologies/Tools used:

1. **Frontend** : Angular 8
2. **Backend** : Java 8 (Springboot)
3. **Database** : In-memory H2 database
4. **IDE** : Visual Studio Code (Frontend) and Spring Tool Suite (Backend)

To be Continued..

Database Structure:

1. Credentials :

The screenshot shows the H2 Console interface. On the left, a tree view lists database objects: jdbc:h2:mem:testdb, CREDENTIALS, DAILYLOG, MEASUREMENTS, MESSAGES, USER, WEEKLY_PLAN, INFORMATION_SCHEMA, Sequences, and Users. The main area displays the results of a SQL query: `SELECT * FROM CREDENTIALS;`. The results are shown in a table with three columns: EMAIL, PASSWORD, and USER_TYPE. There are three rows of data. Below the table, it indicates "(3 rows, 1 ms)". An "Edit" button is visible at the bottom left of the results area.

EMAIL	PASSWORD	USER_TYPE
harsha@gmail.com	harsha@123	admin
harsha.vardhan@gmail.com	harsha@123	user
harsha1.vardhan@gmail.com	harsha@123	motivator

2. DailyLog:

The screenshot shows the H2 Console interface. On the left, a tree view lists database objects: jdbc:h2:mem:testdb, CREDENTIALS, DAILYLOG, MEASUREMENTS, MESSAGES, USER, WEEKLY_PLAN, INFORMATION_SCHEMA, Sequences, and Users. The main area displays the results of a SQL query: `SELECT * FROM DAILYLOG;`. The results are shown in a table with eight columns: EMAIL, BREAKFAST, DATE, DINNER, FRUITS, LUNCH, VEGETABLES, and WORKOUT. There is one row of data. Below the table, it indicates "(1 row, 1 ms)". An "Edit" button is visible at the bottom left of the results area.

EMAIL	BREAKFAST	DATE	DINNER	FRUITS	LUNCH	VEGETABLES	WORKOUT
harsha.chokkakula@gmail.com	idly	04 06 2020	roti	apple	rice	carrot	pushups,pullups

To be Continued..

3.Measurements:

localhost:8080/h2-console/login.do?jsessionId=d89d9da68cfefb35b243d7f8735e4881

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Auto commit Max rows: 1000 Auto complete Off Auto select On

jdbc:h2:mem:testdb

- CREDENTIALS
- DAILYLOG
- MEASUREMENTS
- MESSAGES
- USER
- WEEKLY_PLAN
- INFORMATION_SCHEMA
- Sequences
- Users

H2 1.4.200 (2019-10-14)

Run Run Selected Auto complete Clear SQL statement:

SELECT * FROM MEASUREMENTS|

SELECT * FROM MEASUREMENTS;

EMAIL	BICEPS	CHEST	HEIGHT	LEG	MONTH	SHOULDERS	THIGHS	WAIST	WEIGHT
harsha.chokkakula@gmail.com	170	75	65	60	april	40	15	15	30

(1 row, 1 ms)

Edit

4.Messages :

localhost:8080/h2-console/login.do?jsessionId=d89d9da68cfefb35b243d7f8735e4881

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Auto commit Max rows: 1000 Auto complete Off Auto select On

jdbc:h2:mem:testdb

- CREDENTIALS
- DAILYLOG
- MEASUREMENTS
- MESSAGES
- USER
- WEEKLY_PLAN
- INFORMATION_SCHEMA
- Sequences
- Users

H2 1.4.200 (2019-10-14)

Run Run Selected Auto complete Clear SQL statement:

SELECT * FROM MESSAGES|

SELECT * FROM MESSAGES;

M_ID	BU_ID	MESSAGE	SEND_FROM	SEND_TO
1	Batch1	Hi this is First Message	harsha@gmail.com	harsha.vardhan@gmail.com

(1 row, 1 ms)

Edit

To be Continued..

5.User:

The screenshot shows the H2 console interface. The left sidebar lists the database schema, including tables like CREDENTIALS, DAILYLOG, MEASUREMENTS, MESSAGES, USER, WEEKLY_PLAN, and INFORMATION_SCHEMA. The main area displays the SQL statement `SELECT * FROM USER;` and its results. The results are shown in a table with 14 columns: USER_ID, ADDRESS, AGE, APPROVAL_STATUS, BATCH_ID, BMI, CITY, COUNTRY, DIETARY_CUSTOM, DIETARY_RISTRCTIONS, EMAIL, FULL_NAME, GENDER, and HEIGHT. Two rows of data are visible.

USER_ID	ADDRESS	AGE	APPROVAL_STATUS	BATCH_ID	BMI	CITY	COUNTRY	DIETARY_CUSTOM	DIETARY_RISTRCTIONS	EMAIL	FULL_NAME	GENDER	HEIGHT
ha1	kondapur	22	no	Batch1	25	hyderabad	India	non-veg	none	harsha@gmail.com	Harsha vardhan chokkakula	male	170
HARSHA1	kondapur	22	no	Batch1	25	hyderabad	India	non-veg	none	harsha.vardhan@gmail.com	Harsha chokkakula	male	170

(2 rows, 2 ms)

Edit

6.WeeklyPlan :

The screenshot shows the H2 console interface. The left sidebar lists the database schema, including tables like CREDENTIALS, DAILYLOG, MEASUREMENTS, MESSAGES, USER, WEEKLY_PLAN, and INFORMATION_SCHEMA. The main area displays the SQL statement `SELECT * FROM WEEKLY_PLAN;` and its results. The results are shown in a table with 5 columns: ID, FILE_BYTE, FILE_NAME, FILE_TYPE, and SENDTO. One row of data is visible.

ID	FILE_BYTE	FILE_NAME	FILE_TYPE	SENDTO
1	ffd8ff... (1647446 bytes)	receipt (3).jpg	image/jpeg	Batch1

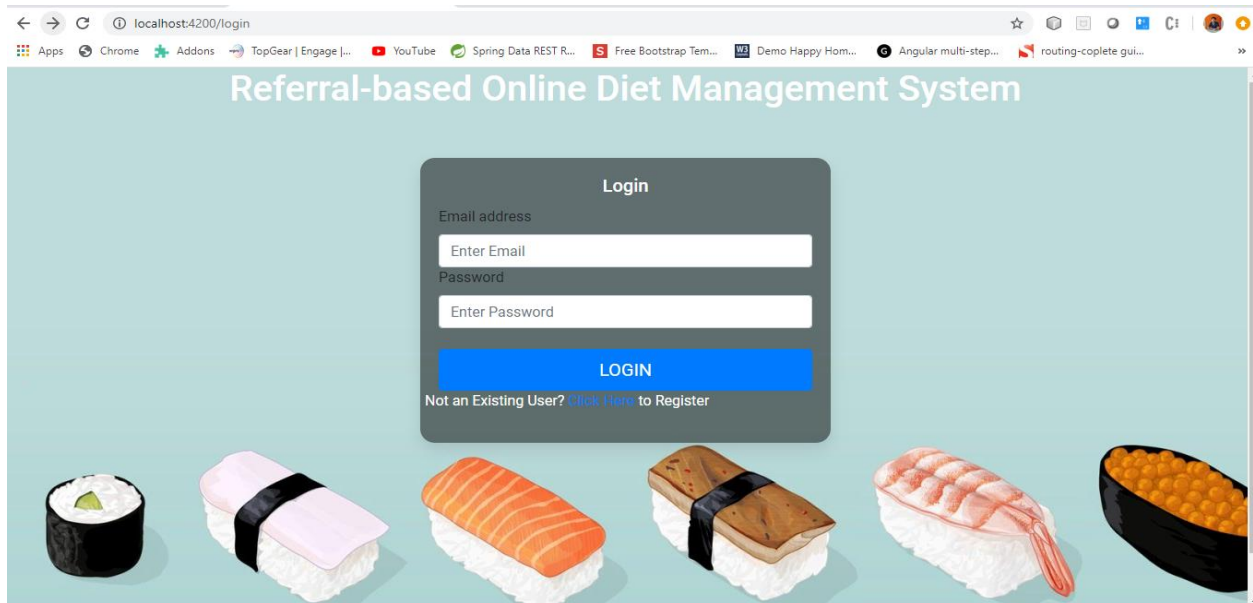
(1 row, 29 ms)

Edit

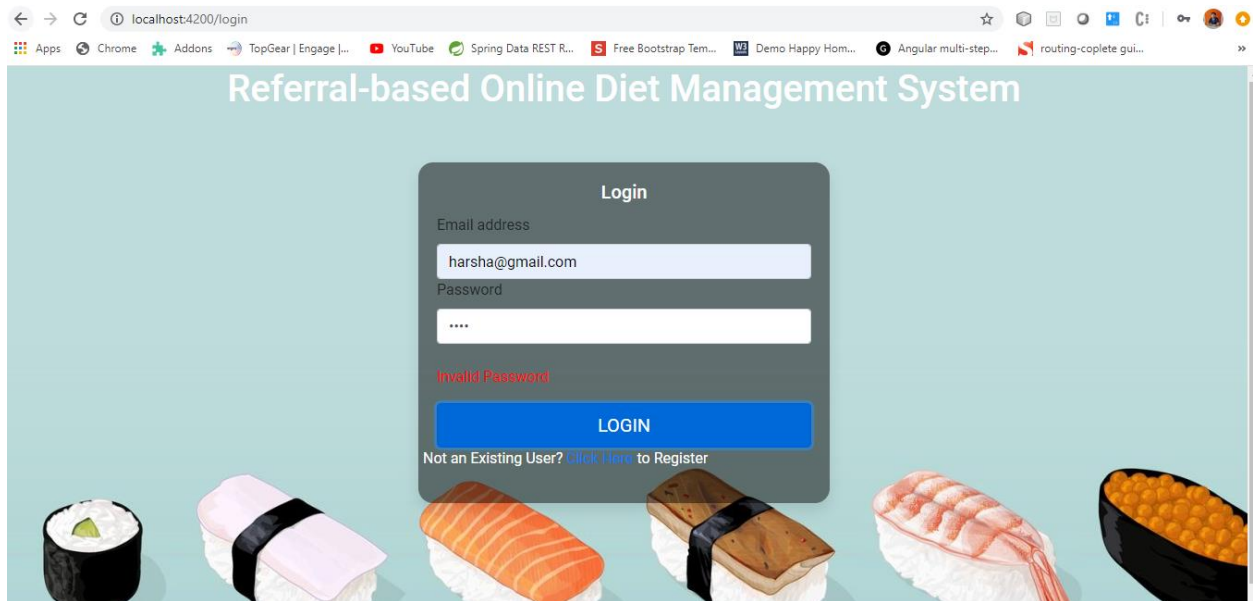
UI Screenshots :

To be Continued..

1. Login Page :

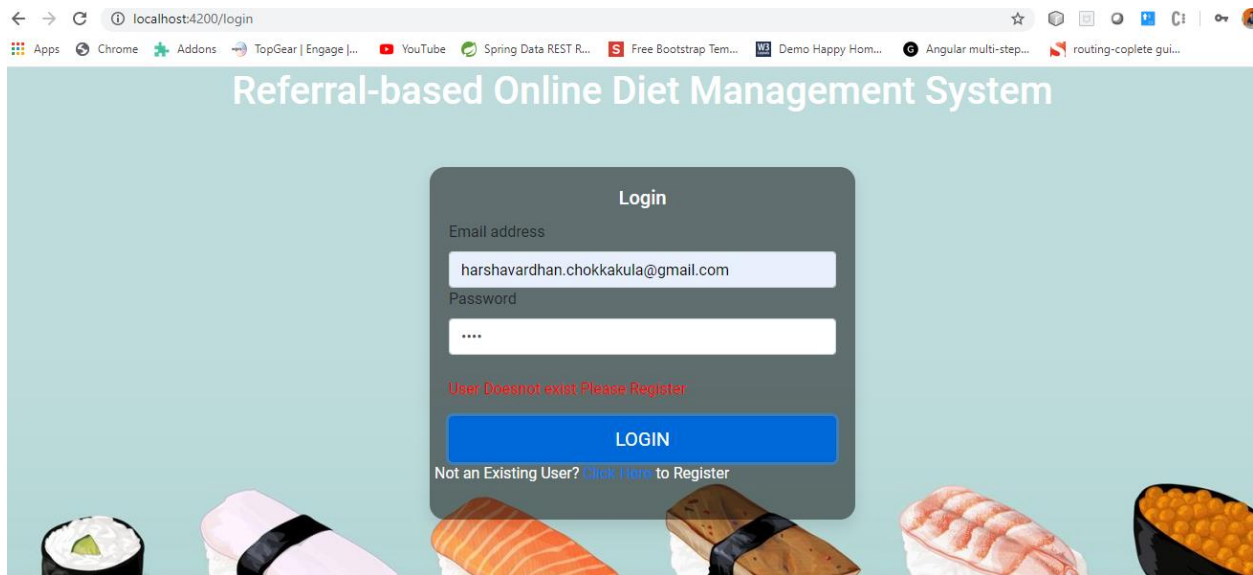


2. Invalid Password Page :



3. Invalid User Page :

To be Continued..



6.Registration:

Pregnancy status will display only when user select gender as female. Also if the user has referral code After entering the code system will verify whether it is valid or not and if not valid an error message will display. Because this is Referral based dietary management System.

To be Continued..

localhost:4200/register

Hyderabad

Telengana

India

170

65

none

Dietary Custom

☐ Veg ☒ Non-Veg ☐ Vegan

Medical Condition

☒ Healthy ☐ Ill

Please Enter a valid referral code.

Create Account

Have an account? [Log In](#)

KUMORI

If the user is successfully added then we'll show a message to the challenger along with name.

none

Dietary Custom

☐ Veg ☒ Non-Veg ☐ Vegan

Medical Condition

☒ Healthy ☐ Ill

Create Account

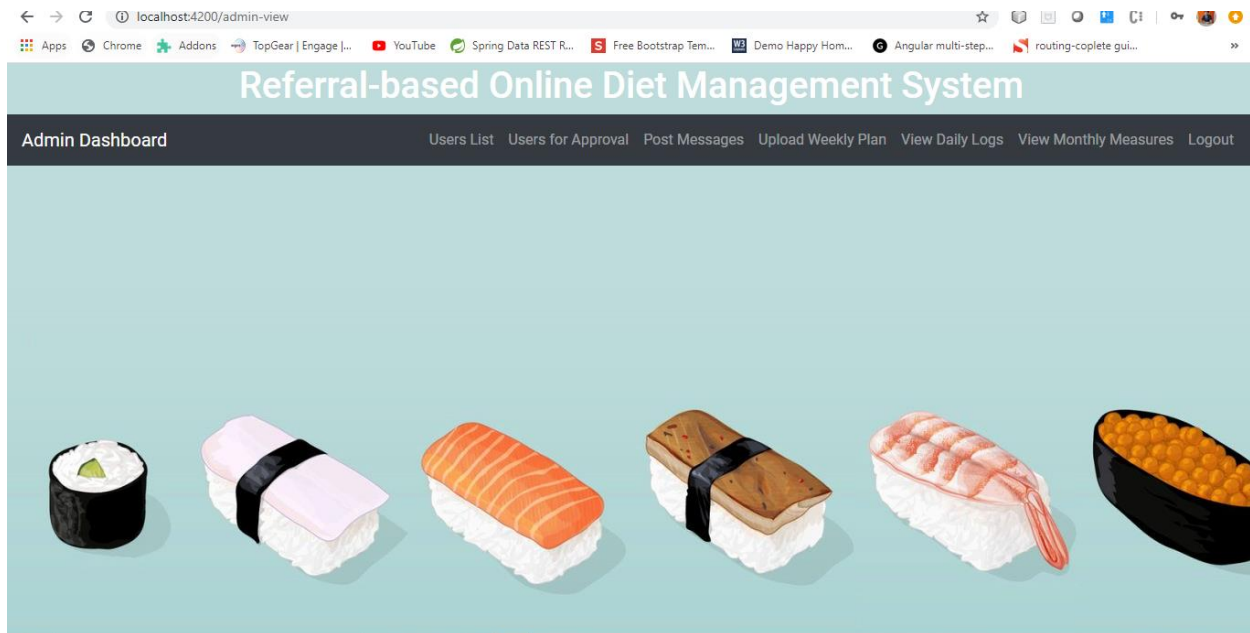
Have an account? [Log In](#)

Hi, HARSHA VARDHAN CHOKKAKULA your details added successfully waiting for Admin's Approval

To be Continued..

5:Admin

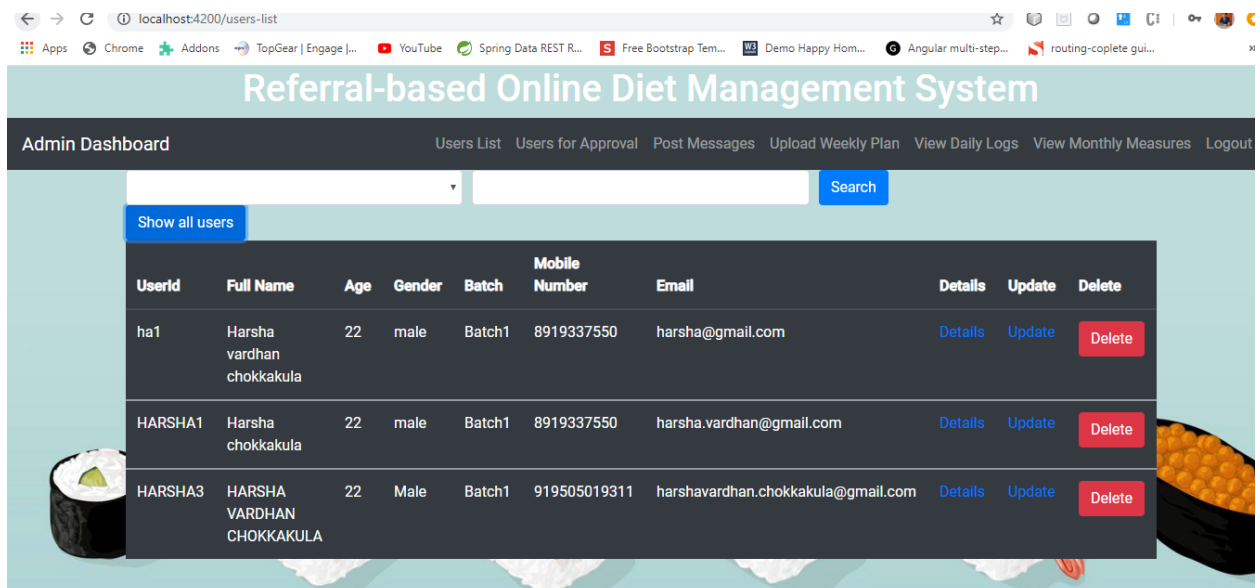
5.1 Admin home



5.2:Users List

Here Admin can view list of users. And admin can search users based on UserId or BatchNo.

5.2.1: Show all Users



To be Continued..

5.2.2: Users By BatchNo

The screenshot shows the Admin Dashboard of the 'Referral-based Online Diet Management System'. The 'BatchId' dropdown is set to 'Batch1', and the 'Search' button is clicked. A table displays the following data:

Userid	Full Name	Age	Gender	Batch	Mobile Number	Email	Details	Update	Delete
ha1	Harsha vardhan chokkakula	22	male	Batch1	8919337550	harsha@gmail.com	Details	Update	Delete
HARSHA1	Harsha chokkakula	22	male	Batch1	8919337550	harsha.vardhan@gmail.com	Details	Update	Delete

Below the table is a decorative banner featuring various types of sushi.

5.2.3: User By UserId

The screenshot shows the Admin Dashboard with the 'UserId' dropdown set to 'HARSHA1' and the 'Search' button clicked. The table displays the following data:

Userid	Full Name	Age	Gender	Batch	Mobile Number	Email	Details	Update	Delete
HARSHA1	Harsha chokkakula	22	male	Batch1	8919337550	harsha.vardhan@gmail.com	Details	Update	Delete

Below the table is a decorative banner featuring various types of sushi.

5.2.4: Details of Particular User:

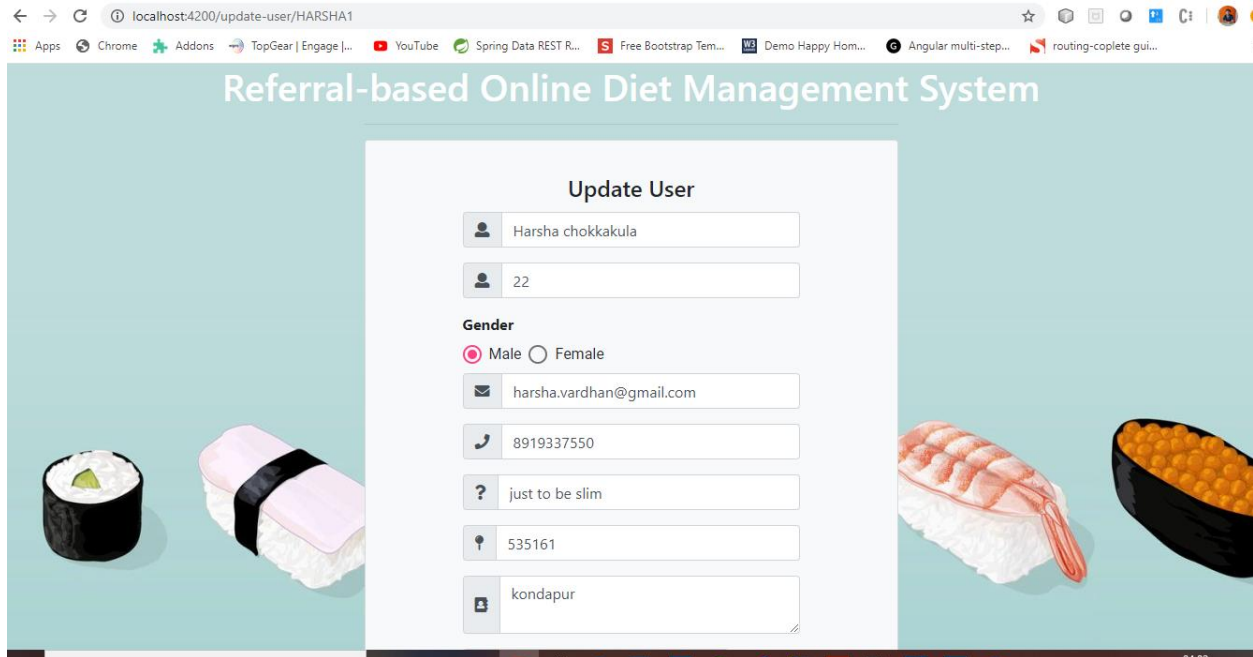
The screenshot shows the user details page for 'HARSHA1'. The page displays the following information:

Name: Harsha chokkakula
Email: harsha.vardhan@gmail.com
Age: 22
MobileNumber: 8919337550

At the bottom, there is a blue button labeled 'Back to see List of Users'.

To be Continued..

5.2.5: Updating details of User:



localhost:4200/update-user/HARSHA1

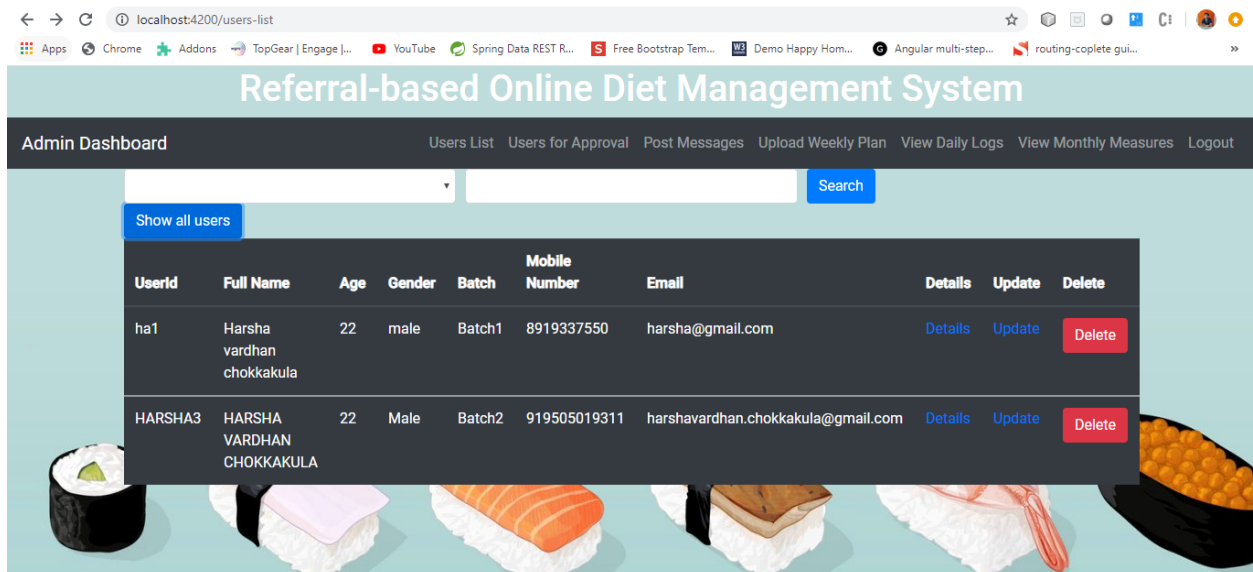
Referral-based Online Diet Management System

Update User

Gender
☒ Male ☐ Female

5.2.6: Delete User

After deleting user component will automatically gets reloaded and will show new list of users.



localhost:4200/users-list

Referral-based Online Diet Management System

Admin Dashboard

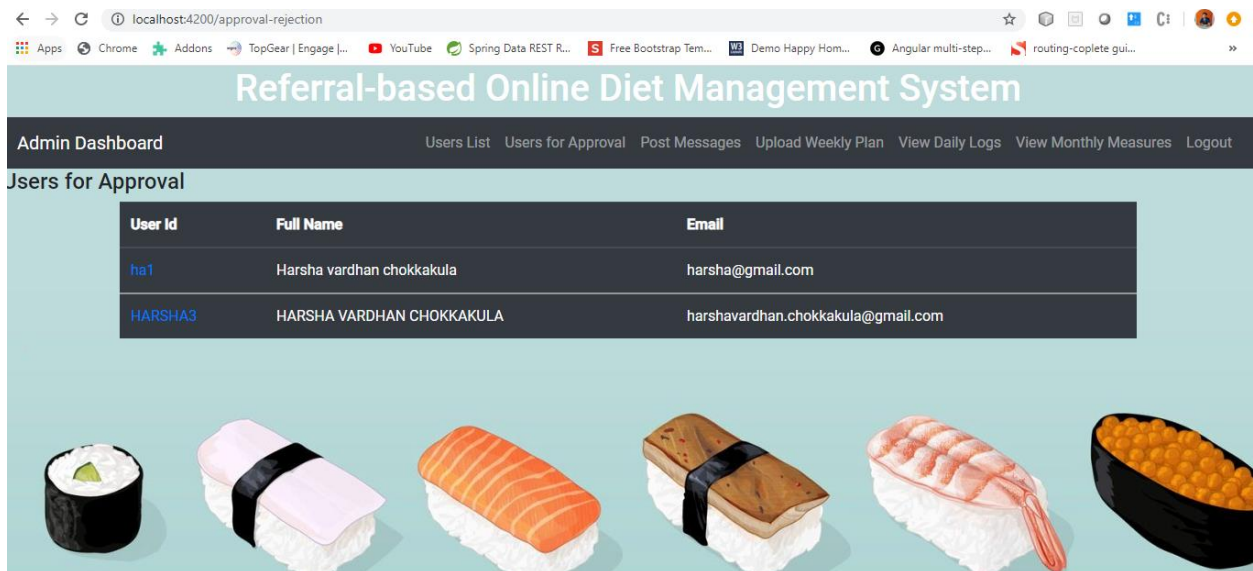
Users List Users for Approval Post Messages Upload Weekly Plan View Daily Logs View Monthly Measures Logout

Show all users

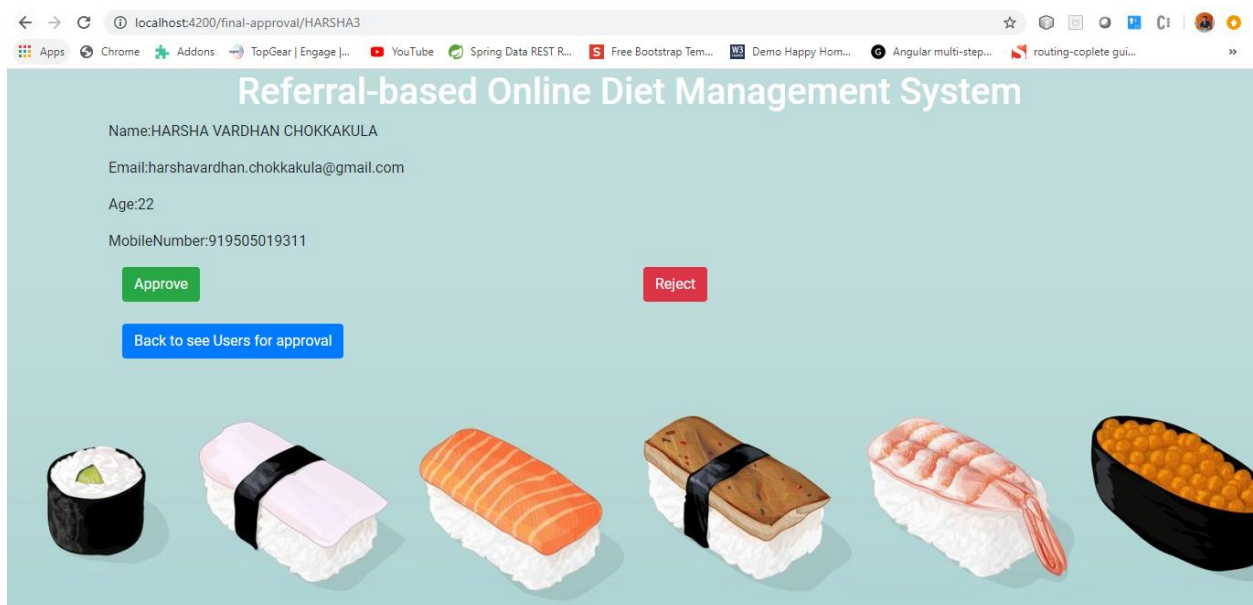
UserId	Full Name	Age	Gender	Batch	Mobile Number	Email	Details	Update	Delete
ha1	Harsha vardhan chokkakula	22	male	Batch1	8919337550	harsha@gmail.com	Details	Update	Delete
HARSHA3	HARSHA VARDHAN CHOKKAKULA	22	Male	Batch2	919505019311	harshavardhan.chokkakula@gmail.com	Details	Update	Delete

To be Continued..

5.3:Users for Approval

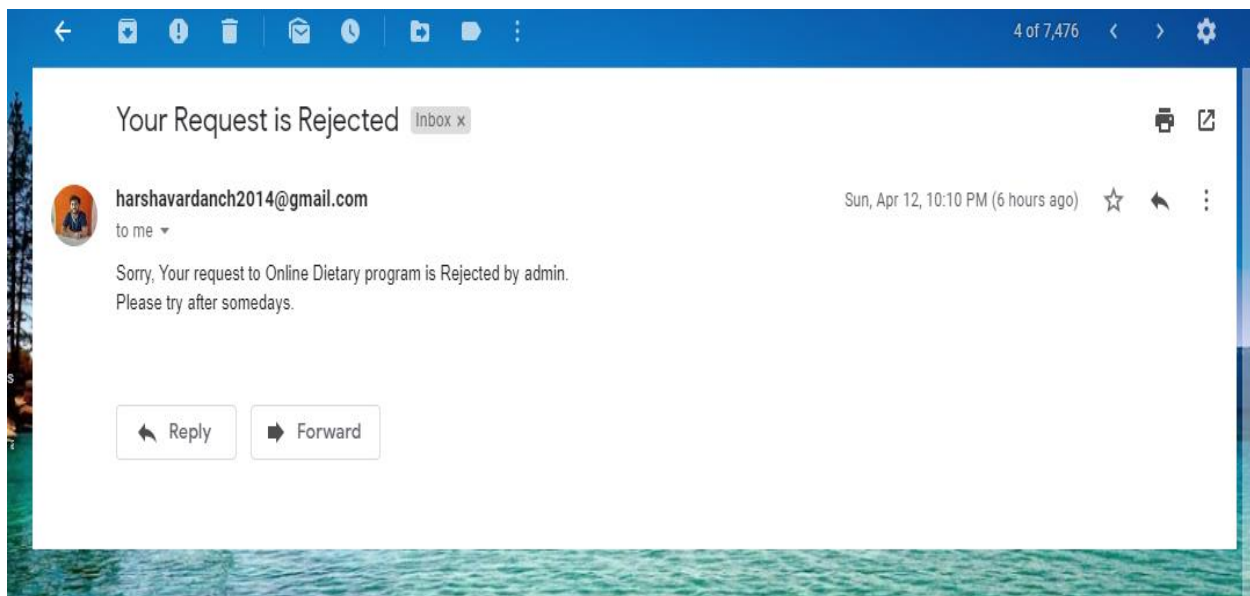
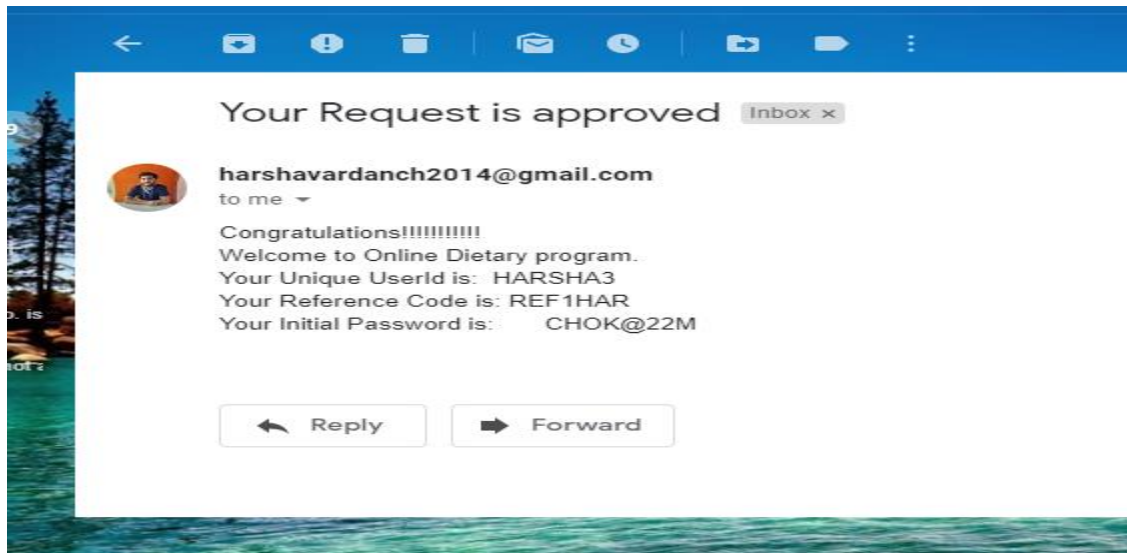


After clicking on a particular UserId we'll navigate to a page where all details of user will be shown along with approve or reject buttons.



To be Continued..

After clicking on Approve or Reject we'll get appropriate mail with Congratulations or Sorry message.

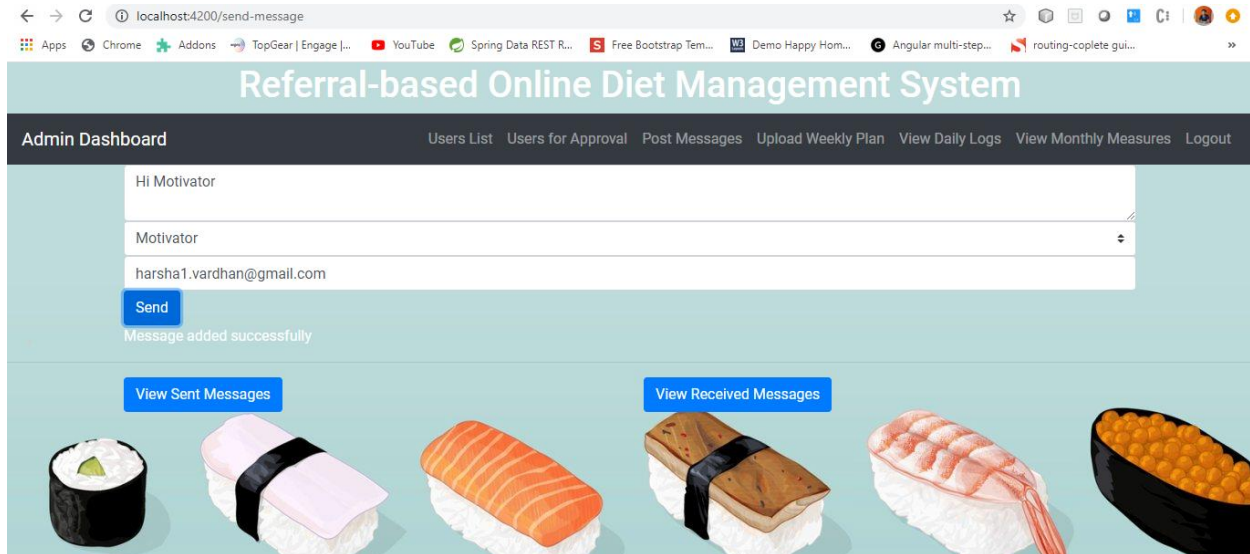


To be Continued..

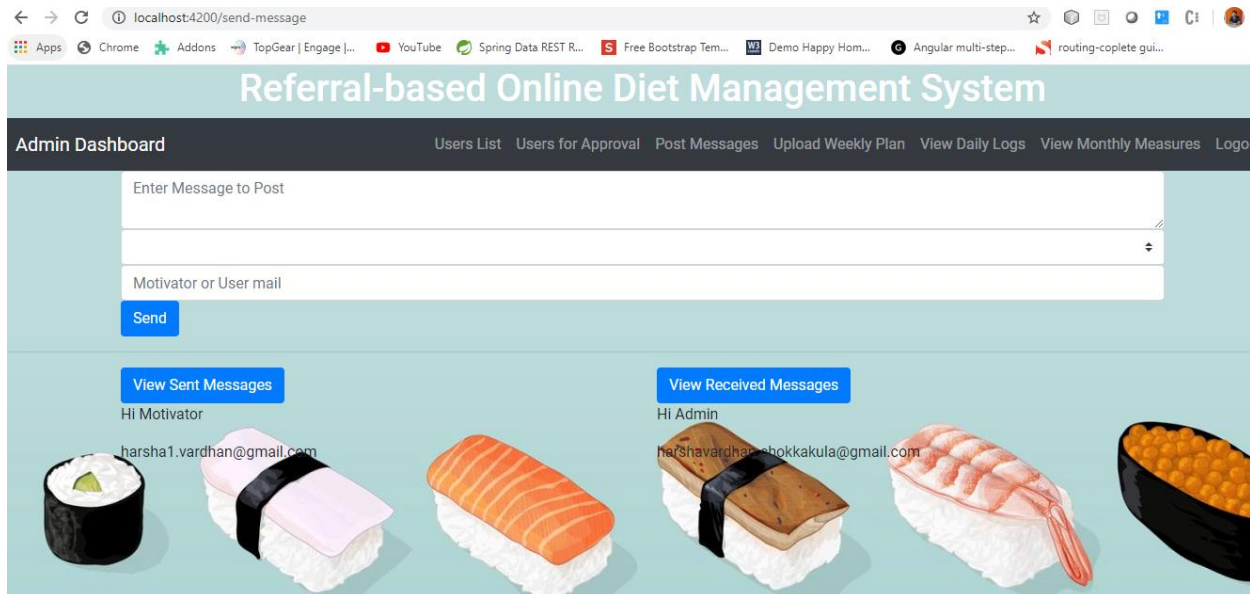
5.4:Post Messages

Admin can post messages to motivator or Individual User or All Users of a particular Batch.

If User or Motivator then have to enter mail id and if the selected one is batch, then textbox will be disabled automatically.



Admin will able to view the messages which the admin sent and view the messages admin got.

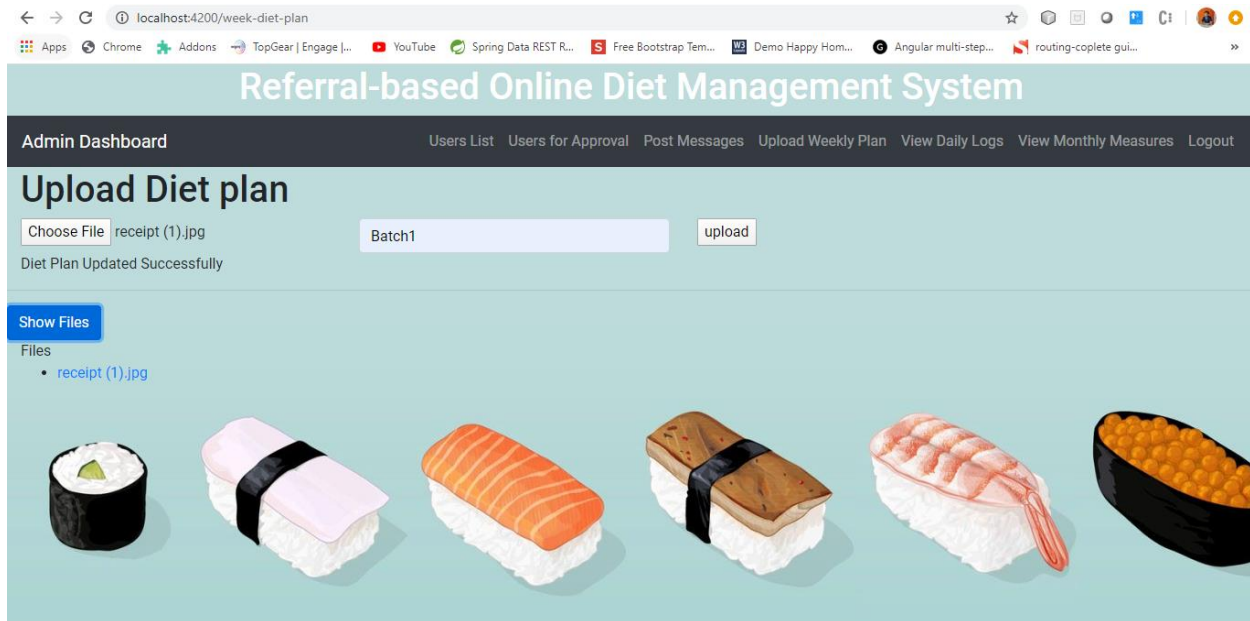


To be Continued..

5.5: Upload Weekly Plan

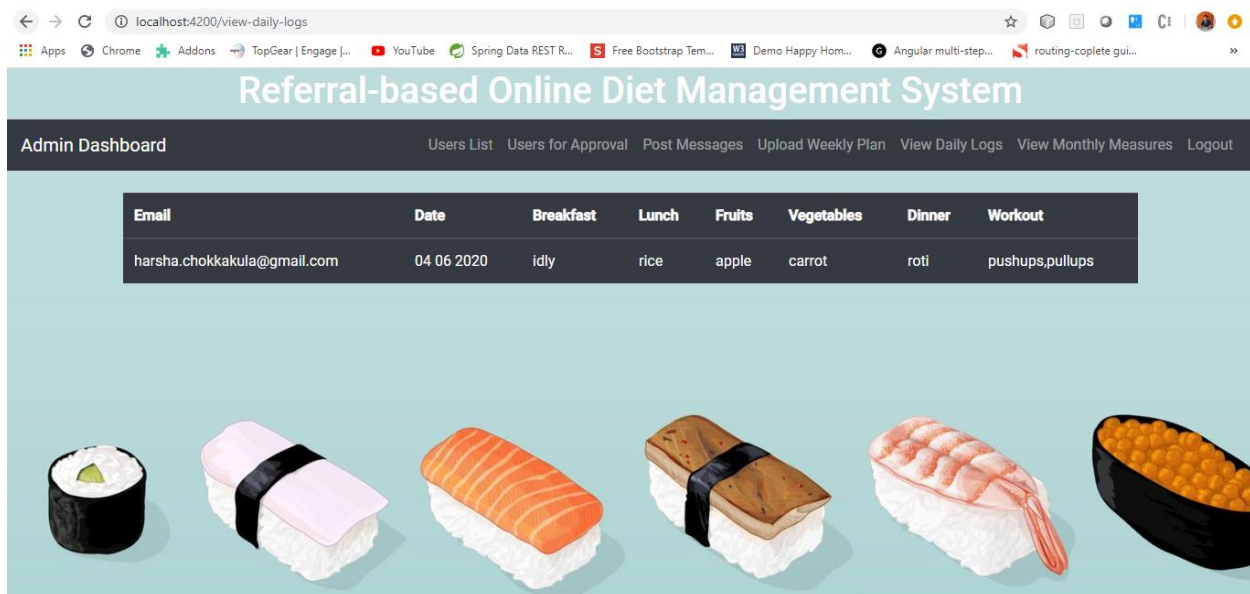
Admin can able to upload weekly diet or workout plan to the challengers based on batch.

And can be able to view all the uploaded files by clicking on show files button.



5.6 View Daily Logs

Admin can able to view all the daily logs which are updated by Challengers along with Date.



To be Continued..

5.7: View Monthly Measures

Admin can able to view all the Monthly Measurements which are updated by Challengers along with Month.

Referral-based Online Diet Management System

Admin Dashboard

Users List Users for Approval Post Messages Upload Weekly Plan View Daily Logs View Monthly Measures Logout

Email	Month	Height	Weight	Chest	Waist	Shoulders	Biceps	Leg	Thighs
harsha.chokkakula@gmail.com	april	65	30	75	15	40	170	60	15

6. Motivator

6.1: Motivator Home

Referral-based Online Diet Management System

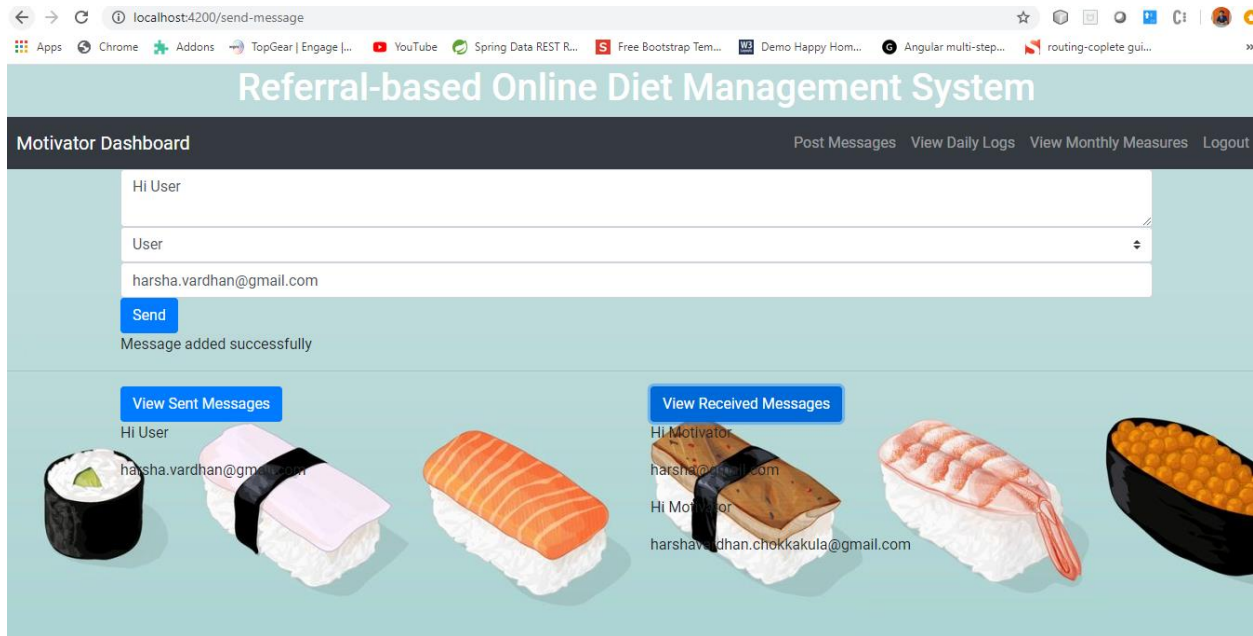
Motivator Dashboard

Post Messages View Daily Logs View Monthly Measures Logout

To be Continued..

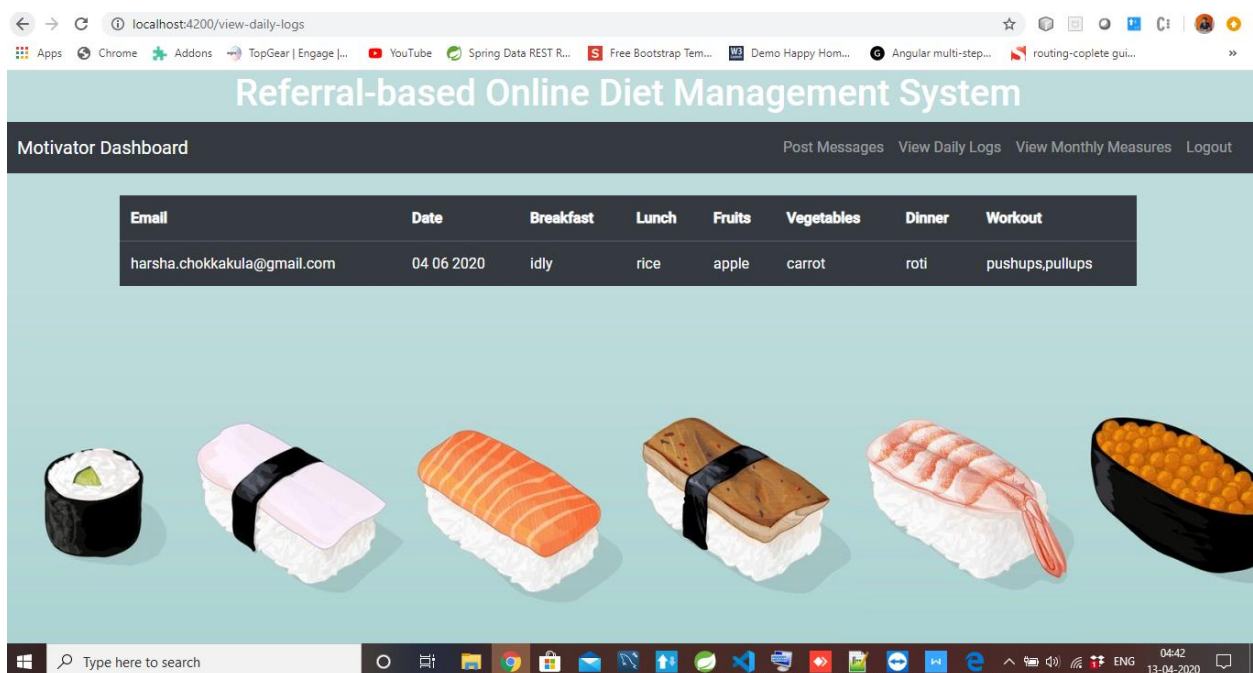
6.2: Post Messages

Motivator can post messages to Admin or Individual User by entering mail id



6.3: View Daily Logs

Motivator can able to view all the daily logs which are updated by Challengers along with Date.



To be Continued..

6.4: View Monthly Measures

Motivator can able to view all the Monthly Measurements which are updated by Challengers along with Month.

The screenshot shows a web browser at localhost:4200/view-monthly-measures. The page title is "Referral-based Online Diet Management System". The dashboard is for a "Motivator" and includes links for "Post Messages", "View Daily Logs", "View Monthly Measures", and "Logout". A table displays the monthly measurements for the user "harsha.chokkakula@gmail.com" for the month of "april". The table columns are: Email, Month, Height, Weight, Chest, Waist, Shoulders, Biceps, Leg, and Thighs. Below the table is a row of six sushi illustrations: a maki roll, a nigiri with pink fish, a nigiri with orange fish, a nigiri with brown fish, a nigiri with pink fish, and a bowl of orange fish balls.

Email	Month	Height	Weight	Chest	Waist	Shoulders	Biceps	Leg	Thighs
harsha.chokkakula@gmail.com	april	65	30	75	15	40	170	60	15

7. Challengers

7.1: Challenger Home

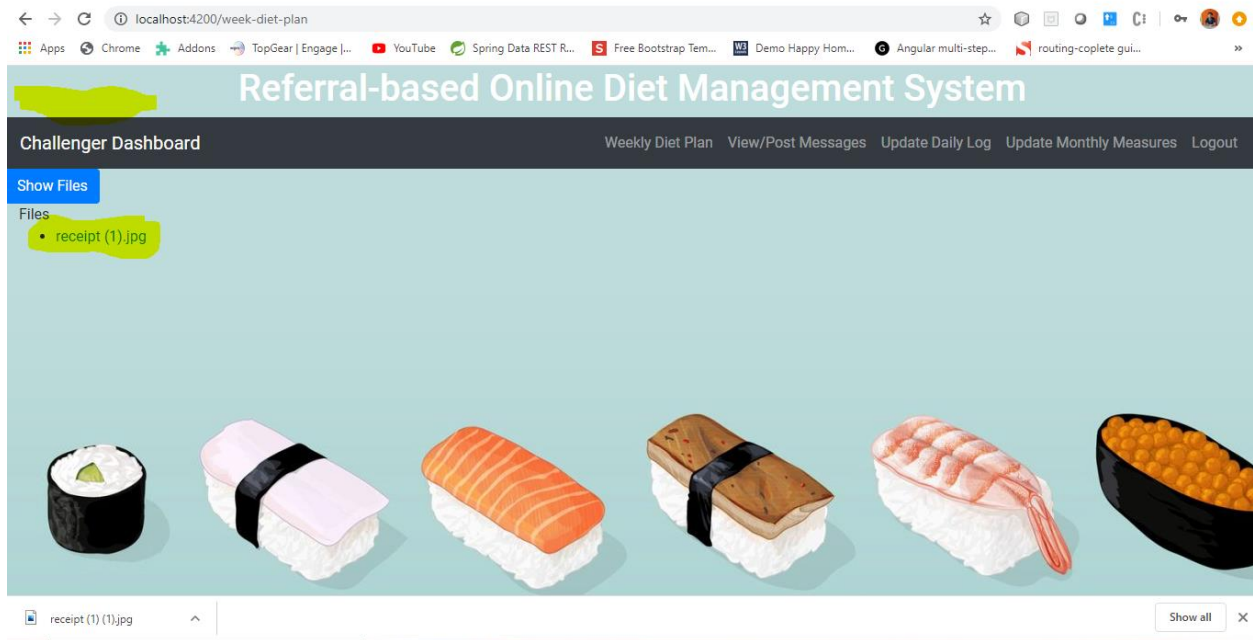
The screenshot shows a web browser at localhost:4200/challenger-view. The page title is "Referral-based Online Diet Management System". The dashboard is for a "Challenger" and includes links for "Weekly Diet Plan", "View/Post Messages", "Update Daily Log", "Update Monthly Measures", and "Logout". Below the dashboard is a row of six sushi illustrations: a maki roll, a nigiri with pink fish, a nigiri with orange fish, a nigiri with brown fish, a nigiri with pink fish, and a bowl of orange fish balls.

To be Continued..

7.2: Weekly Diet Plan

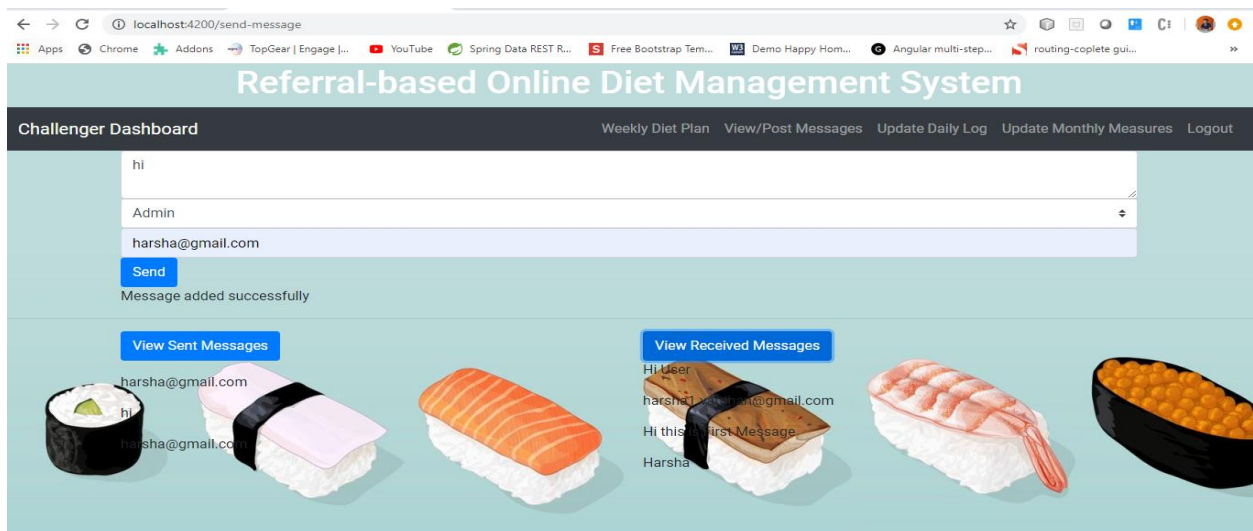
Challenger can be able to download the file uploaded by admin based on the challenger's batch

On clicking on that file it'll be downloaded automatically.



7.3: Post messages:

Challenger can be able to post message to admin or motivator using email id.



To be Continued..

7.4: Update Daily Log

Challenger can be able update daily log.

localhost:4200/daily-log

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Referral-based Online Diet Management System

Challenger Dashboard Weekly Diet Plan View/Post Messages Update Daily Log Update Monthly Measures Logout

Daily Log

Idly	biryani
roti	Banana
Carrot	pushups

Submit Added daily Log



7.5: Update Monthly Measurements

localhost:4200/daily-log

Apps Chrome Addons TopGear | Engage [...] YouTube Spring Data REST R... Free Bootstrap Tem... Demo Happy Hom... Angular multi-step... routing-coplete gui...


Referral-based Online Diet Management System

Challenger Dashboard Weekly Diet Plan View/Post Messages Update Daily Log Update Monthly Measures Logout

Daily Log

Idly	biryani
roti	Banana
Carrot	pushups

Submit Added daily Log



To be Continued..

Future Enhancements :

- One-on-One chat Facility (Like Admin/Moderator can message/share tips to a particular user alone in a private space).
- Graph should be displayed which contains progress of their diet plan. So one can easily understand the status and plan it accordingly
- User sending their response back to every activity, whether they have done it or not.
- Social Login like Facebook, twitter
- Implement login based on JWT token based Authentication.
- UI/UX Changes (More Animations).
- Easy accessing table data by using Syncfusion library for handling table data.

To be Continued..

THANK YOU.....!!!