

# Calorie Tracker and Weight Predictor

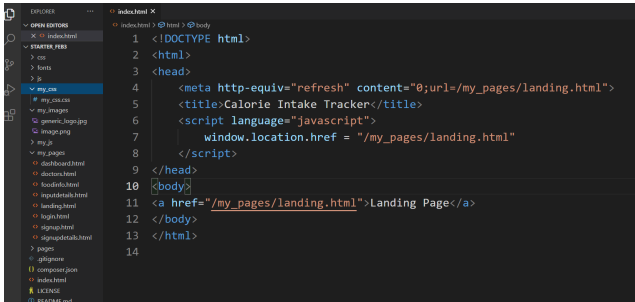
Tek Subedi ID: 0869016

Mehdi Lamouchi ID: 0651354

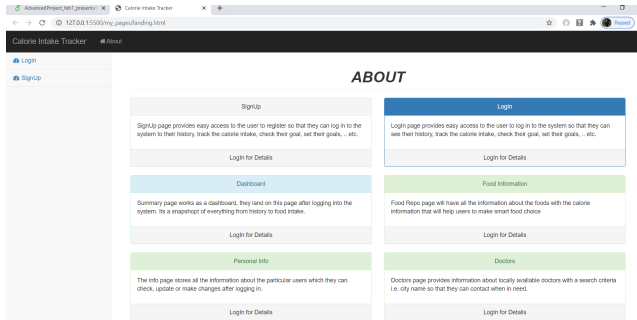
Anukaran Kathuria ID: 1158323

Advanced Project in Health Informatics

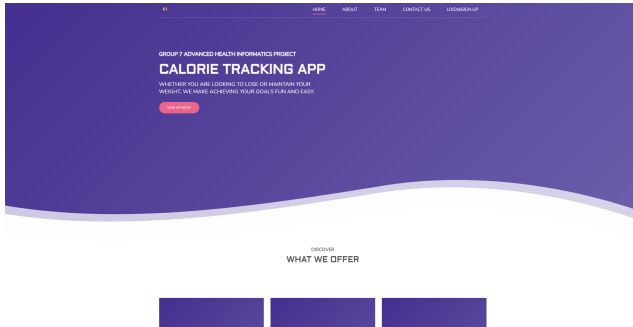
February 9, 2021



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta http-equiv="refresh" content="0;url=/my_pages/landing.html">
5   <title>Calorie Intake Tracker</title>
6   <script language="javascript">
7     window.location.href = "/my_pages/landing.html"
8   </script>
9 </head>
10 <body>
11   <a href="/my_pages/landing.html">Landing Page</a>
12 </body>
13 </html>
14
```



# Slide 3



DISCOVER  
WHAT WE OFFER



### GOAL SETTING

Generate your goal based on your current body measurements



### WATER INTAKE

Keep track of your water intake throughout the day



### CALORIE TRACKING

Decide which foods to eat by checking a huge list of products with their calories



### DOCTORS AROUND




### BRINGING DIVERSITY



### CALORIES BURNED TRACKING

# Slide 5



**TEK SUBEDI**  
4th year Computer Science  
Student from Lakehead  
University - Thunder Bay,  
ON, Canada

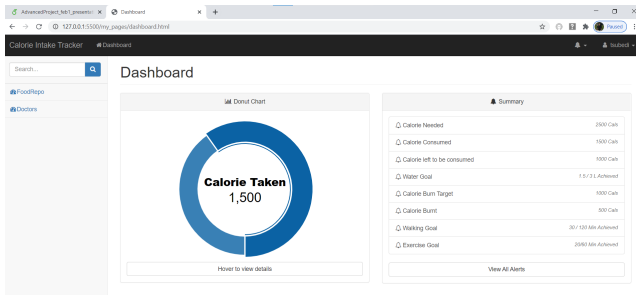
**ANUJKARAN KATHURIA**  
4th year Computer Science  
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University - Thunder Bay,  
ON, Canada

**MEHDI LAMOULCHE**  
4th year Computer Science  
Student from Lakehead  
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CONTACT US

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# Slide 6



AdvancedProject\_Mb1\_presentation x Food Info x +

127.0.0.1:5500/my\_pages/foodinfo.html

Calorie Intake Tracker Food Information

Search...

Dashboard Doctors

## Food Information Table

Food Database with calorie information

Show 10 entries Search:

Name	Calorie		
Apple	100		
Banana	70		
Bread	60		
Chicken Wings	100		
Cookies	60		
Grapes	20		
Ham Burger	100		
Hot Dog	100		
Icecream	150		
Juice	60		

Showing 1 to 10 of 22 entries

Previous 1 2 3 Next



127.0.0.1:5500/my\_pages/doctors.html

Calorie Intake Tracker Doctors

Search...

Dashboard

FoodRepo

## Doctors Information

Dr. Lary Klag

123 Brock St  
Thunder Bay  
Contact: 807-285-8607

Use Google Map for Direction

Google Map

503 Winnipeg Ave  
503 Winnipeg Ave, Thunder Bay, ON  
P7B 3S6

View larger map

Map data ©2021 Google Terms of Use Report a map error

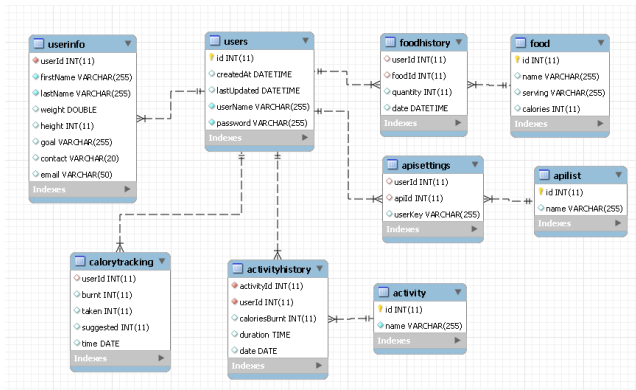
# Slide 9

Login To Your Account

group7@lakeheadu.ca

\*\*\*\*\*

Login



```
Create Table users(
  id int PRIMARY KEY AUTO_INCREMENT,
  createdAt datetime,
  lastUpdated datetime,
  userName varchar(255) not null,
  password varchar(255) not null);

CREATE TABLE "userinfo" (
  "userId" int(11) NOT NULL,
  "firstName" varchar(255) NOT NULL,
  "lastName" varchar(255) NOT NULL,
  "weight" double DEFAULT NULL,
  "height" int(11) DEFAULT NULL,
  "goal" varchar(255) DEFAULT NULL,
  "contact" varchar(20) DEFAULT NULL,
  "email" varchar(50) DEFAULT NULL,
  KEY "userId" ("userId"),
  CONSTRAINT "userinfo_ibfk_1" FOREIGN KEY ("userId") REFERENCES "users" ("id")
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Create Table activity(
  id int PRIMARY KEY AUTO_INCREMENT,
  name varchar(255) not null
);

Create Table activityHistory (
  activityId int not null,
  userId int not null,
  caloriesBurnt int,
  duration time,
  date date
);
```

```
ALTER TABLE userInfo
ADD FOREIGN KEY (userId) REFERENCES users(id);

ALTER TABLE activityHistory
ADD FOREIGN KEY (activityId) REFERENCES activity(id);

ALTER TABLE foodHistory
ADD FOREIGN KEY (userId) REFERENCES users(id),
ADD FOREIGN KEY (foodId) REFERENCES food(id);

ALTER TABLE calorytracking
ADD FOREIGN KEY (userId) REFERENCES users(id);

ALTER TABLE apisettings
ADD FOREIGN KEY (userId) REFERENCES users(id),
ADD FOREIGN KEY (apiId) REFERENCES apiList(id);

Create Table food (
  id int PRIMARY KEY AUTO_INCREMENT,
  name varchar(255) ,
  calories int
);

Create Table foodHistory(
  userId int,
  foodId int,
  quantity int,
  date datetime
);

Create Table calorytracking(
  userId int,
  burst int,
  taken int,
  suggested int
);

create table apiList(
  id int PRIMARY KEY AUTO_INCREMENT,
  name varchar(255)
);
```

## Work Distribution

- Group: Discussion and research on the subtopics, such as Node.js, firebase, adminlte, etc.
- Anukaran : Worked on the backend, preparing the database and the different api's needed for calls later on.
- Tek: Used the AdminLte template and designed all the pages including login, signup, .... and presented to group and login and landing pages were not used for final presentation.
- Mehdi: Developped the landing pages and those related to explaining the product and team members, used firebase to register users and authenticate their credentials.

## Suggestions Received

- Suggested to speed up the work.