

# Global Distributed Software Development

## Master Team Project WS 2022

### “ReservEat”

### Milestone 3

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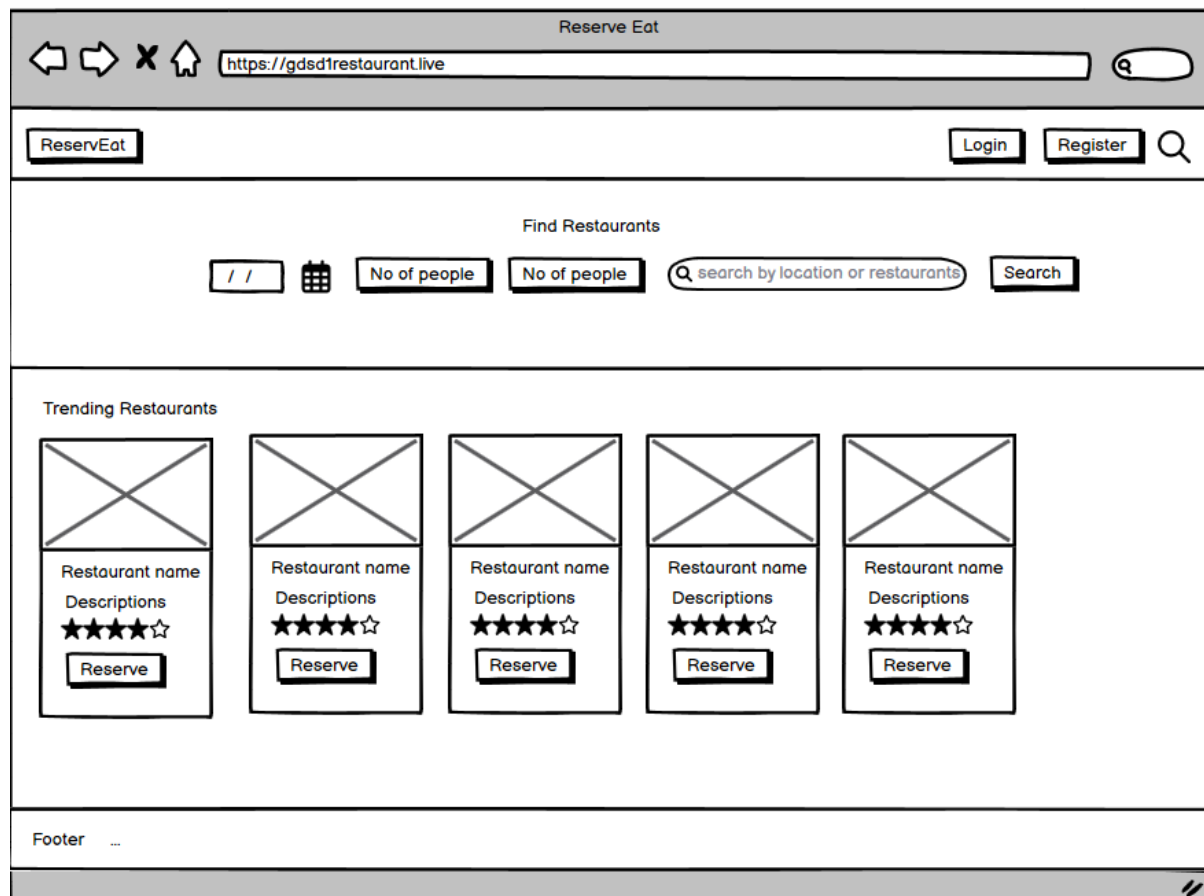
Date Submitted	Date Revised	Revision Summary

# 1. UI and functionality feedback (P1 functions only)

## UI-Mockups

As discussed in the meeting and gone over the UseCases upon the current working version of our Website we came to the conclusion that from the UI department we will stick to the current mockups without any changes to them. Therefore here following the mockups:

### 1- Home Page



## 2-Search Restaurant Page

Reserve Eat

https://gdsd1restaurant.live

Reserve Eat

Login

Register

Find Restaurants

//

//

No of people

search by location or restaurants

Advanced Search

Cancel

Search

Cuisine

German

Italian

Turkish

Food

Burger

Pizza

Pasta

Rating

★★★★☆ & Up

★★★★☆ & Up

★★★★☆ & Up

Restaurant name

Descriptions

★★★★☆

Reserve

Restaurant name

Descriptions

★★★★☆

Reserve

Restaurant name

Descriptions

★★★★☆

Reserve

Restaurant name

Descriptions

★★★★☆

Reserve

Restaurant name

Descriptions

★★★★☆

Reserve

Footer

3-Restaurants List Page

Reserve Eat

https://gdsd1restaurant.live

ReservEat

Login

Register

//

//

No of people

search by location or restaurants

Search

Search Results for Restaurant

Filter

Restaurant Name

Descriptions

★★★★☆

Reserve

Restaurant Name

Descriptions

★★★★☆

Reserve

Restaurant Name

Descriptions

★★★★☆






Reserve



Footer

...

## 4-Restaurant Details Page

Reserve Eat





Images


Name of Restaurant

★★★★☆

Location: .....

AboutMenuPhotosReview

Make a Reservation




No of People


▼

Reserve Now


Additional Information

Hours of Operation

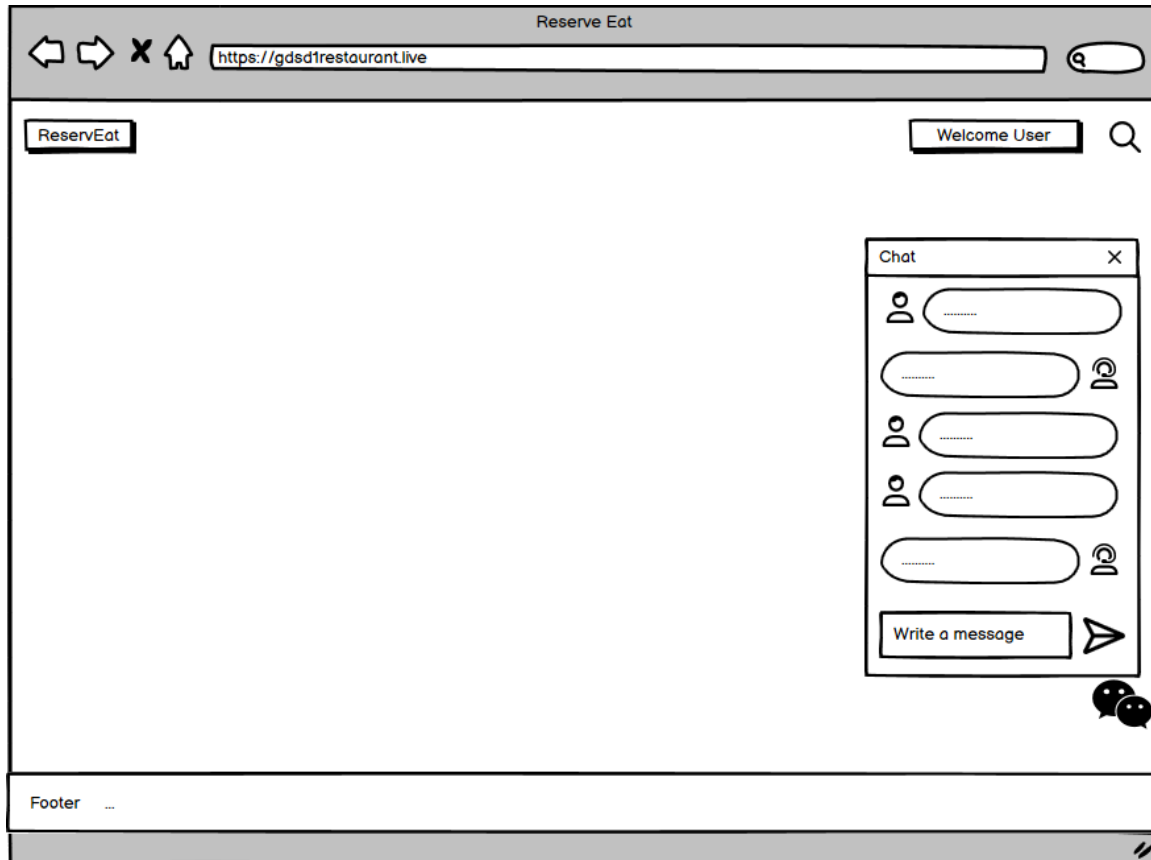
Mon–Thu, Sun 9:00 am–11:00 pm  
Fri, Sat 9:00 am–1:00 am  
Breakfast buffet Sun 9:00

Extra Service

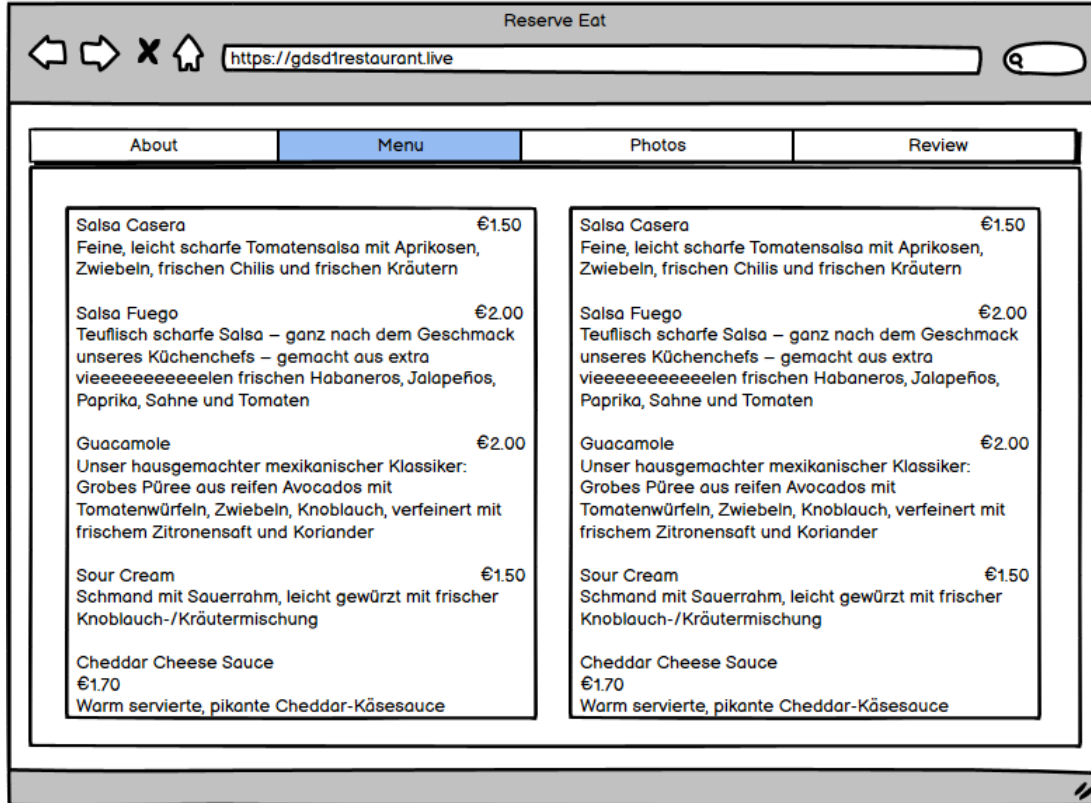
Birthday, Anniversary



## 5- Chatting Page



## 6-Menu Tab





## 7-Review Tab

Reserve Eat

https://gdsd1restaurant.live

Overall Rating and Review

Review can only be made by dinners who have eaten at this Restaurant

★★★★★

4.5 based on user rating

5

4

3

2

1

Sort by

Newest

User

Name

★★★★★

User Review

Report

User

Name

★★★★★

User Review

Report

## 8-Restaurant Reservation Page

Reserve Eat

← → × 🏠


https://gdsd1restaurant.live

🔍

ReservEat

LoginRegister🔍

One last step!



Restaurant name

📅 08/12/2022

🕒 7:30 PM

👤 2 People

Diners Details

Extra Services

Anniversary

Date Night

Birthday

Special Request

Reserve

Footer ...

## 9- Reservation Confirmed/Details Page

Reserve Eat

← → × ↗


https://gdsd1restaurant.live

🔍

ReservEat

LoginRegister

One more step!



**Restaurant name**

✓ Reservation Confirmed

👤 2 People

🕒 08/12/2022 at 7:30 PM

Modify

Cancel

Browse the menu

Chat with the restaurant

Diner Information

OZ

Omer Zogubi

A note from the restaurant (optional)

Footer

## 10- Modify Reservation Page

Reserve Eat

← → × 🏠


https://gdsd1restaurant.live

🔍

ReservEat

LoginRegister

Your current reservation



Restaurant name

👤 2 People 🕒 08/12/2022 at 7:30 PM

Modify your reservation

//

📅

time

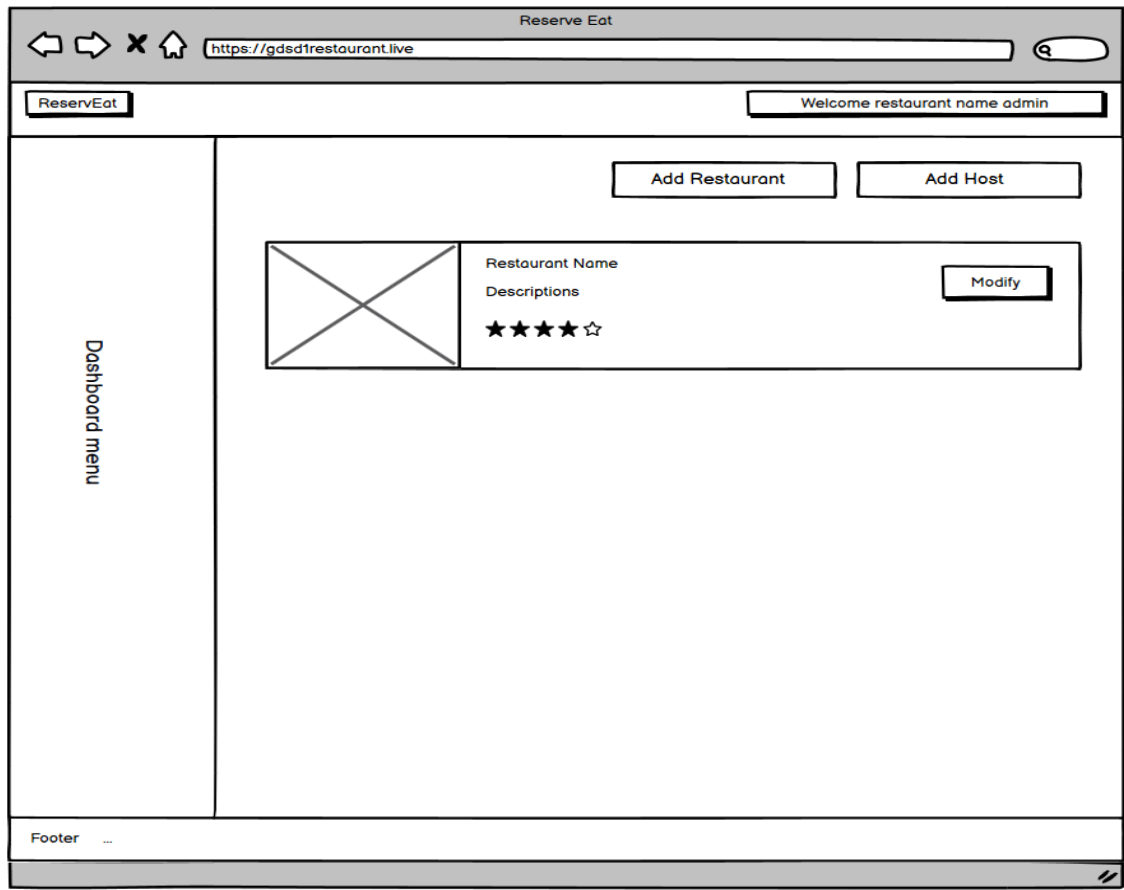
👤 People

1 person  
2 people  
3 people  
4 people  
5 people

Modify

Footer ...

11- Restaurant Host Dashboard Page



## 12- Restaurant host add new restaurant page

Reserve Eat

https://gdsd1restaurant.live


ReservEat

Welcome restaurant name admin

Dashboard menu

Restaurant photos

Drag files here to upload.



Upload files

Restaurant information

Restaurant name

Number of tables

Grace Period

Reservation interval

Upload Menu pictures

Please upload up to 10 pictures

Restaurant Address

Address

Number

Town

PLZ

Extra Services

Anniversary

Date Night

Birthday

A note from the restaurant (optional)..

Save restaurant

Footer


## 12- Restaurant host modify existing restaurant page

ReservEat

Welcome restaurant name admin

Dashboard menu

Restaurant photos



Change photos

Restaurant information

Restaurant name

Edit

Number of tables

Edit

Grace Period

Edit

Reservation interval

Edit

Upload Menu pictures

Please upload up to 10 pictures

Restaurant Address

Address

Edit

Number

Edit

Town

Edit

PLZ

Edit

Extra Services

Anniversary

Date Night

Birthday

Edit

A note from the restaurant (optional)..

Update Information

Footer

13- Site Administrator Restaurants approval page

ReservEat

Welcome Admin

Dashboard menu

Restaurant name	Address	Attached files	Approve
Giacomo Guillizzon	Mbappe 6 19038 Fulda	photos	Approve/Reject
Tuttofare Restaurant	Messi 8 39032 Fulda	photos	Approve/Reject
Mariah Marino Pizza Half	Bonifatiusplatz 6 46035 Fulda	photos	Approve/Reject
Valerie Liberty Head Chef	German Address 6 21037 Fulda	photos	Approve/Reject

Footer



## 14-Restaurant Host Page

ReservEat

Reserve Eat

https://qdsd1restaurant.live

ReservEat

Welcome restaurant name admin

Dashboard menu

Reservation Schedule | Chat

← Dec 14 2022 →

December 14, 2022

1 am

2 am

3 am

•

•

•

•

10 pm

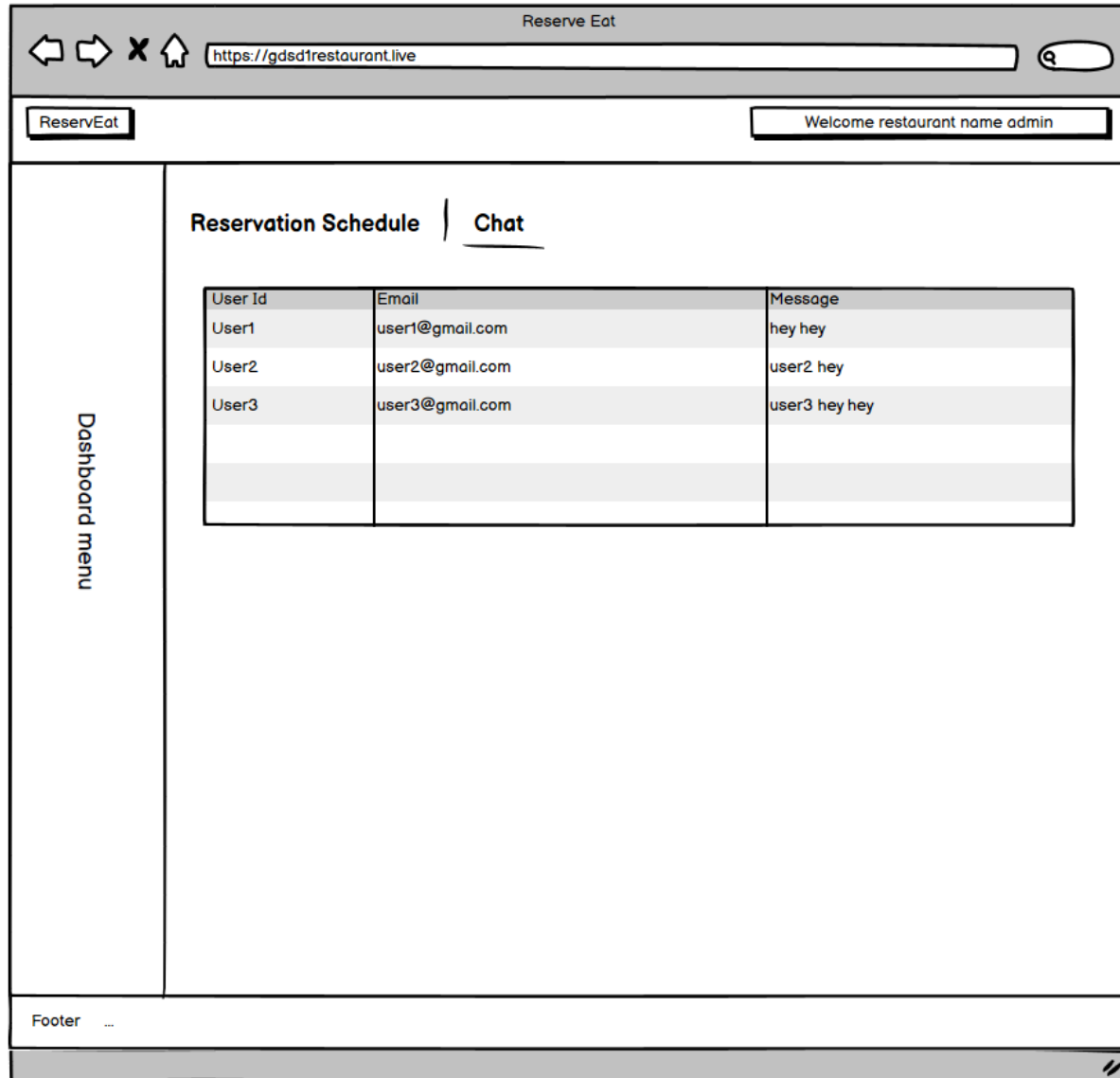
11 pm

12 pm

Dinner reservation for user 1

Footer ...

## 15- Restaurant host messages/chat page



Instructor will check functionality and pages/use cases as below:

- Home page
  - Working as intended
- Search (including search field validation)
  - Working as intended
- Search results
  - Working as intended
- Filtering
  - To be Implemented to the Frontend
- Search Details and maps (if applicable)
  - Working as intended
- Messaging/contact agent/user (if applicable)
  - Work in progress
- Data Upload
  - Working as intended
- dashboards (user, admin)
  - Working as intended
- UI responsiveness (resize the browser)
  - Work in Progress
- Performance (e.g. display of results list)
  - Working as intended

## 2. Brief review of coding, GitHub, database etc.

### Key DB Tables

As before in Milestone 2 given Tables, here is a list of all the Tables updated. The Tables are from this point onwards set in stone and will not get any further Updates or changes.

Table: User	
Column	Data Type
Id	int
FirstName	varchar
LastName	varchar
Email	varchar
Role	varchar

Password	varchar
PhoneNumber	varchar

Table: Restaurants	
Column	Data Type
Id	int
Name	varchar
PostalCode	tinyint
Address	varchar
City	varchar
MaxCapacity	int
MaxTables	int
RestaurantNote	varchar
GracePeriod	timestamp
TimeInterval	timestamp

Table: Reservation	
Column	Data Type
Id	int
UserId	varchar
RestaurantId	int
NumberOfSeats	int
Status	enum("Reserved", "Modified", "Cancelled")
Date	date
Time	timestamp

ExtraServiceId	int
LastUpdated	timestamp

Table: ExtraServices	
Column	Data Type
Id	int
Name	varchar
Description	varchar

Table: Chats	
Column	Data Type
Id	int
User1	int
User2	int

Table: Messages	
Column	Data Type
ChatId	int
Message	varchar
Timestamp	datetime

Table: Flags	
Column	Data Type
Id	int

UserId	int
ReservationId	int
Text	varchar

Table: Rewards	
Column	Data Type
Id	int
UserId	int
Type	enum("ForReservation", "ForUserReview")
Points	int

Table: Reviews	
Column	Data Type
Id	int
UserId	int
RestaurantId	int
Rating	int
Text	varchar

Table: Images	
Column	Data Type
Id	int
RestaurantId	int
Status	enum("Uploaded", "Approved", "Rejected")

Path	varchar
IsMenuImage	boolean

## Search

2	User can Search for Restaurants by name, cuisine, food, and rating	1
2.1	Search results can be filtered additionally and sorted	1

As per the Priority 1 Functional Requirement 2 and 2.1 we hereby point out that the Search functionality of the website is completely working and functional as it is supposed to be.

## 3. Project status

### a) Teamwork

- i) So far the Team has been working efficiently and productively. Any Arguments or misunderstandings were talked through and a solution to them was directly found. Hence the Team is working perfectly onwards.

### b) Risks

- i) Health: As it goes for everyone, we are all Human Beings and it might be that some of us are Sick during the Project. Therefore will the others do more and compensate with the other missing members when they are back and ready to continue on with work
- ii) Vacation: As some of us have already planned some Vacation leave, we have already discussed this and so therefore also already compensated
- iii) Schedule and Technical skills: As far as the Project has gone onwards we are sure that our Team is capable enough to finish the rest of the Priority 1 Functions in to the due date

### c) Coding Practices

- i) The project uses the Google Java Coding Style

### d) Usage of proper SE code management practices:

- i) Each developer creates his own Branch and then does his work on it. After finishing up the work he then proceeds to push it to the Git Repository and creates a Pull Request. This Pull Request has to be reviewed by another Developer before it is allowed to be pushed upon the Master.

### e) How did you address the Site Security and safe coding practices

- i) The use of standardized Security mechanisms was used in the Project

### f) Digital Content

- i) Royalty Free Images were used. The other Text Data was generated by the Team members

## 4. Summary Feedback and Tasks to do

Upon the Presentation the following Priority 1 Requirements are done and we are aiming to finish implementing the rest of the Priority 1 Requirements up until the due date (Bright Green = Done):

ID	Functional Requirement	Priority
1	The Application is a Vendor for Multiple Restaurants	1
2	User can Search for Restaurants by name, cuisine, food, and rating	1
2.1	Search results can be filtered additionally and sorted	1
3	User can reserve a table and specify the number of seats in a given Restaurant	1
3.1	User reserves one or Multiple Tables at the Restaurant	1
3.2	User specifies the number of seats	1
4	Restaurants can be added, removed and updated by Restaurant owners	1
4.1	Restaurants can be Added by the Restaurant Owners	1
4.2	Restaurants can be Removed by the Owners of given Restaurant	1
4.3	Restaurants can be Updated by the owners of said Restaurant	1
5	There is a Grace Period to Cancel or update the booking of the table	1
5.1	Every User can Cancel the reservation up to 2h before said reservation	1
6	The number of booked seats are specified per table	1
7	Users can view Menus of the Restaurants	1
8	Users search for restaurants, make/change/cancel reservations and also post reviews.	1
8.1	User can cancel Reservation	1
8.2	User can change Reservation	1
8.3	User can Post Reviews	1
9	User can View the Restaurant Reviews	1



10	Every booking is associated with an account	1
11	One Account can not be associated with multiple users	1
12	User can chat with the Restaurant Host	1
13	User accumulates Reward Points for every reservations with the application	1

ID	Functional Requirement	Priority
1	Restaurants can add Extra Services with themes through Application	2
1.1	Restaurants can add Themes as a Service	2
1.2	Restaurants can add Special Foods or Beverages as a Service to be clicked/booked beforehand	2
2	Restaurants can change the availability status of any table at any time.	2
2.1	Restaurant owner updates the number of free seats for given table	2
3	Restaurant Owners can deny or approve of a booking	2
3.1	Restaurants owner can disapprove a booking made for given number of Seats at a given Time	2
3.2	Restaurants owner can approve a booking made for given number of Seats at a given Time	2
4	User can choose Event Themes	2
5	User can only book two tables daily (to avoid spam reservations)	2
6	Site administrator approves restaurant info for posting. Also deals with typical admin duties like managing user registrations etc.	2
6.1	Site Admin approves Restaurant info for Posting	2
6.2	Site Admin Identifies and addresses usability Problems	2
6.3	Site Admin manages user Registration	2
6.4	Site Admin tracks and analyses the Traffic that is being made on our Website	2
6.5	Site Admin Develops Training Manual for use for Restaurants	2
6.6	Site Admin Flags user if there is a valid reasoning	2
7	User can Check his Reservations	2

ID	Functional Requirement	Priority
1	Users can Provide Reviews for the Restaurant which they have visited through our Application	3
1.1	User provides Text of the Review	3
1.2	User gives a Number Rating between 1 and 5	3
2	Restaurant owners can Flag users for their lack of attendance on booking	3
2.1	Restaurant owners submit a report for time and place and reasoning of why said user should be flagged	3
3	Admin can Ban Restaurants	3
4	Host/hostess reviews daily calendar and checks and greets incoming guests This List might be Edited as the Project goes on.	3