

1 PROTOTYPING-

1.1 PAPER BASED

Restaurant (Owner, Admin) perspective:

- REGISTRATION / LOGIN:

A window titled "CORONA GUEST FORM" with standard window controls. The content includes the title "CORONA GUEST FORM", a subtitle "How it Works" in purple, and a flowchart with three steps: "Download QR Code", "Fill the Form", and "Guest will receive a confirmation email".

Two side-by-side windows titled "CORONA GUEST FORM". The left window contains two buttons: "Login" and "Register". The right window is titled "Register Restaurant" and contains the text "Fill details for restaurant" followed by four input fields: "Name:", "Country:", "City:", and "Phone no:". A "Continue" button is at the bottom.

Two side-by-side windows titled "CORONA GUEST FORM". The left window is titled "Register Restaurant" and contains the text "Enter Restaurant (Owner,Admin) information" followed by four input fields: "Your Name:", "Email:", "Password:", and "Confirm Password:". A "Complete Registration" button is at the bottom. The right window is titled "LOGIN" and contains two input fields: "Email:" and "Password:". A "Login" button is at the bottom.

- **MAIN SCREEN AFTER REGISTRATION/LOGIN:**

The screenshot shows a web browser window titled "Corona Form". The main heading is "CORONA GUEST FORM". On the left, it says "Welcome User!". On the right, there is a dropdown menu labeled "Action". In the center, there are four blue buttons stacked vertically: "Guest Form link", "Download QR Code", "Retrieve Guest list", and "How it Works".

- **Edit detail for restaurant:**

The image shows two side-by-side screenshots of the "CORONA GUEST FORM" web application.

The left screenshot is titled "Register Restaurant" and "Edit details for restaurant". It contains four input fields: "Name:", "Country:", "City:", and "Phone no:". Below these fields is a blue button labeled "Update Changes".

The right screenshot is titled "LOGIN" and "Edit Login details". It contains two input fields: "Your Name:" and "Email:". Below these fields are two blue buttons: "Update Changes" and "Change Password".

Customer's perspective:

The image shows two side-by-side screenshots of the "CORONA GUEST FORM" web application from a customer's perspective.

The left screenshot is titled "WELCOME CUSTOMER". It contains six input fields: "Enter Name:", "Enter Last Name:", "Enter Email:", "Enter Phone no:", "Enter Number of seats", and "Enter Time and Date". Below these fields is a blue button labeled "Continue".

The right screenshot is titled "Thank You". It contains the text: "You booked your seat on 1 Jan, 2021 for Restaurant ABC on Date 30 jan, 2021".

EXECUTIVE SUMMARY:

Due to COVID, restaurants are still open for dine in but for limited time. People start to rush into restaurants at different times and crowd throngs the restaurants which is then difficult for restaurants to manage them especially in COVID times. Customers need to wait for long hours for their turn .Thus, by utilizing technology we overcome the problem (crowd and sops maintenance).

SCOPE:

Scope of this project is to build a website for reservation tables for restaurant. User can allowed to take reservation quickly and easily. These reservation are under user's control. The user can choose reservation as per their preference of location and time. The restaurant admin doesn't need to maintain a guest book anymore. Admin can simply reply to the user by email. This method also makes it easy to change the status of reservation. Time management become simple.

OUR STAKEHOLDERS:

- **Primary stakeholder (Restaurant owner, Admin):**
The Admin who manages all the guest and reservation of the restaurant.
- **Secondary stakeholder (Guest):**
The guest who fills form for the reservation of dine in

TOTAL USECASE:

1. Restaurant owners:

- Register Restaurant.
- Register/login.
- Retrieve Guest list.
- Provide customers with space available.
- Download brochure.
- Receive QR code.

2. Customers:

- Fill provided form by restaurants.
- Scan QR code.
- Receive confirmation email.

TASK:

- Imagine you are restaurant owner and need a website for hotel dine in reservation so, you have a sample prototypes that how your website working. Now you have to check that prototypes meet all the requirement.
- Imagine you are user and need to reserve dine in. You need check that prototypes meet all the requirement of reservation form.

GOAL:

- Register your restaurant in our system.
- Fill the form of user reservation.

PARTICIPANT PROFILES:

Participant which are involve in prototype testing.

Users	Age	Gender	Education	Occupation	Place
User 1	21	Male	Undergraduate	Freelancer	Online meeting
User 2	24	Female	Masters	Web developer	Online meeting
User 3	20	Male	Undergraduate	Web developer	Online meeting

RESULTS:

As the result of the paper-based prototypes, we clear lot of confusion that we are facing and get lot off feedback which may help to build the interface more clearly and efficiently.

SUMMARY OF INSIGHTS:

- **FEED BACK:**

- User like the general look of our website.
- User found attractive to fill the reservation form by QR code.
- This software easily to maintain SOPs in restaurant by just filling form by customer.

- **GENERAL SUGGESTIONS:**

- User want another way to contact other than the reservation process for some user felt that was too big of a first step.
- Guest list must be on excel sheet for easily maintenance.

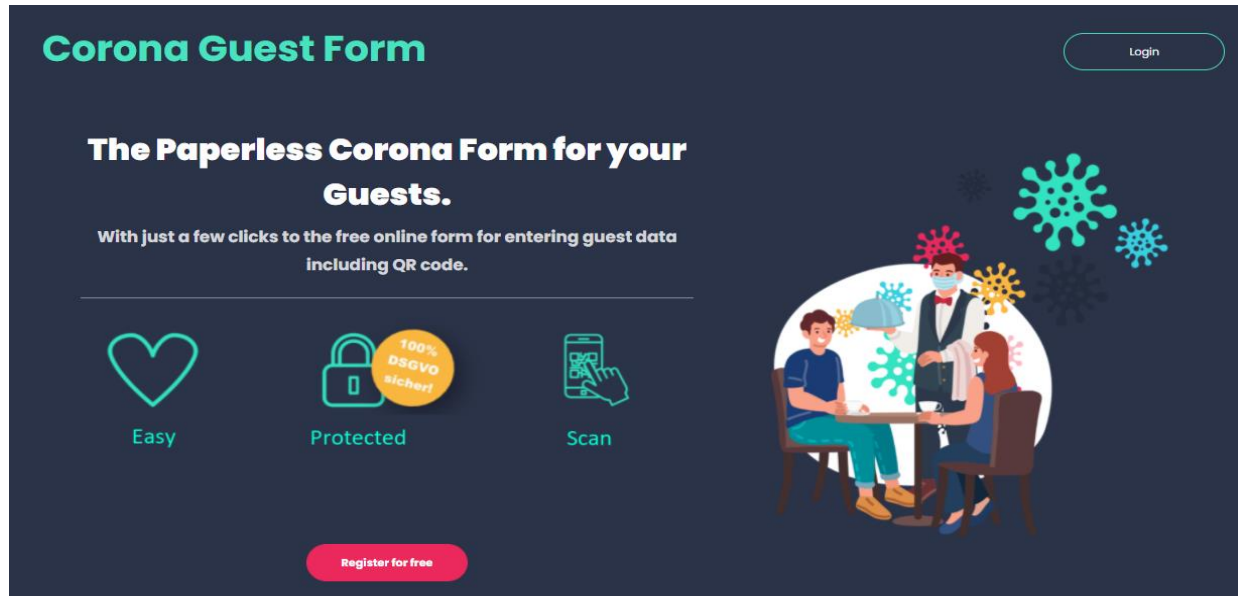
- **USER EXPERIENCE SUGGESTIONS:**

- User suggested having a better explanation of the website in the banner of the homepage.
- Final after filling form must show no. of seats book with restaurant name, address on email that user receive.
- “How it’s work” section must contain all possible steps customer and restaurant admin.
- Customer form must contain, policies for COVID and user have to confirm that policies otherwise no further process.

2 PROTOTYPING

2.1 COMPUTER BASED

- WEBSITE LOOK:



Restaurant (Owner, Admin) perspective:

- REGISTRATION / LOGIN:

Corona Guest Form

←

Hello!

Fill the information about the restaurant

Name

Country


State

City

Postal Code

Phone

[Continue](#)

An illustration on the right side of the form shows three people (two men and one woman) sitting at a table, possibly in a restaurant. They are surrounded by stylized virus particles in various colors (red, yellow, green, blue). The background is dark blue.

Corona Guest Form

←

Hello!

Enter Login Information

Name


Surname

Email

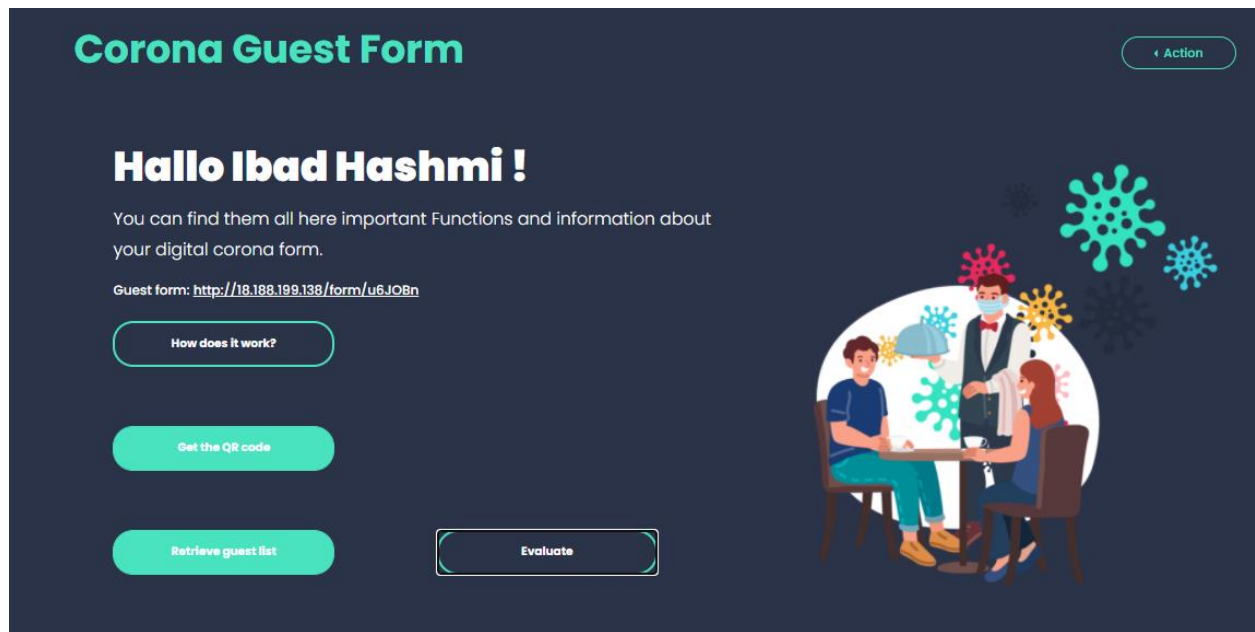
Password

Confirm

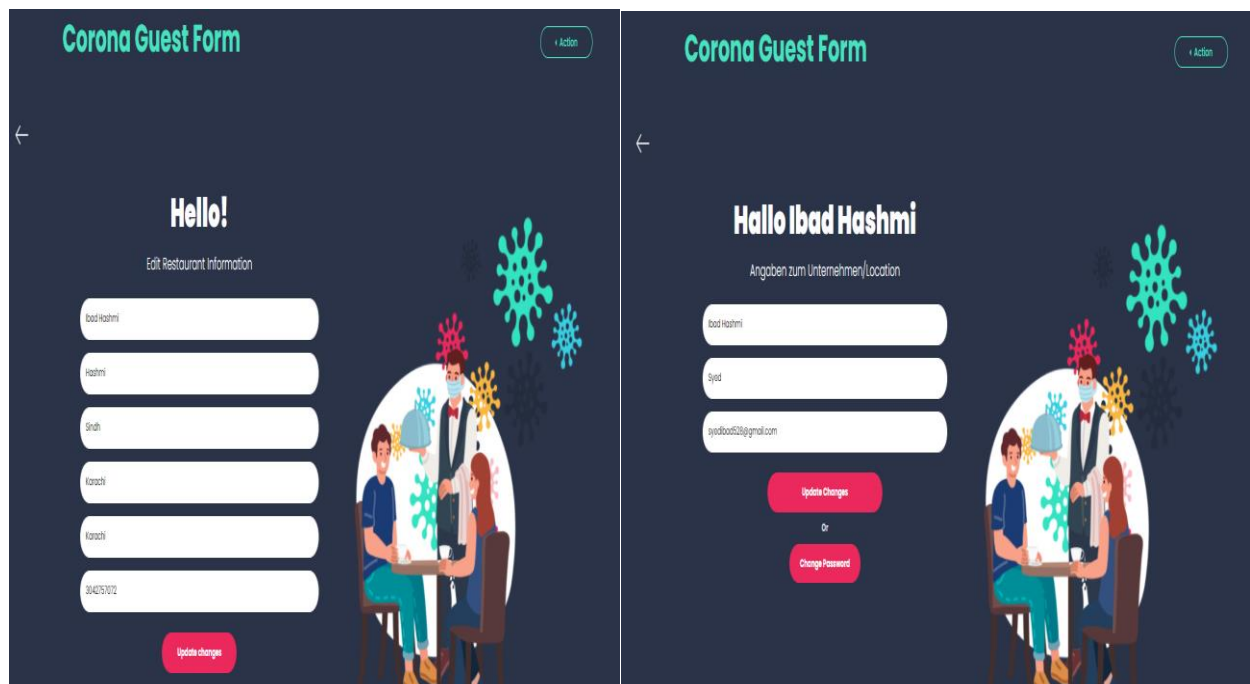
[Complete registration](#)

An illustration on the right side of the form shows three people (two men and one woman) sitting at a table, possibly in a restaurant. They are surrounded by stylized virus particles in various colors (red, yellow, green, blue). The background is dark blue.

MAIN SCREEN AFTER REGISTRATION/LOGIN:



- Edit detail for restaurant:



- GUEST LIST:

	A	B	C	D	E	F	G
1	Name	Sir Name	Email	Contact No.	Seats Reserved	Reservation Date	Filled At
2	Ibad Hash	syed	syedibad528@gmail.c	3042757072	5	2021-01-13	26-Jan-2021
3							

- HOW IT'S WORK SECTION:

Corona Guest Form

1. Retrieve the QR code with a link to the form and instructions for the guests!



2. Print and lay out the QR code with instructions or hang it on the door.



3. The guests scan the QR code and get to the form and fill it out.



4. After sending the form, the guests will receive a confirmation page and an email. Let us show you one of the two.



5. The guest data is stored for 30 days in accordance with GDPR and then automatically deleted. If necessary, guest data can be called up or, in an emergency, a message can be sent to the guests by email.




Action

Customer's perspective:


- QR CODE FOR SPECIFIC RESTAURANT:

Faizan's Cafe




13.59.214.225/form/YT7fVg


Simple, secure, contactless:




1. QR-Code scan or enter url.



2. Fill form & send it off.



3. Fill out the form and send



- **QR CODE FOR SPECIFIC RESTAURANT:**

Welcome to Ibad Hashmi!

Please fill out our digital corona reporting form. Your data will be stored in compliance with the GDPR and automatically deleted after 30 days.

(Fields marked with an * are mandatory)

Name

Surname

Email


Phone

Number of Seats

mm/dd/yyyy

☐ I confirm that the information I have provided is correct and I do not suffer from COVID 19 typical Disease symptoms (loss of smell and taste, Fever, cough or shortness of breath) suffer or currently suffer from Quarantined.

Continue



- **EMAIL RECEIVED AFTER FORM FILL BY USER:**

Corona Form

Hallo!

Thanks Ibad Hashmi

You filled the form on Jan 26, 2021 at 13:30 PM for Restaurant Ibad Hashmi for reservation of 5 seats on date: Jan 13, 2021

Thank you for using our application!

Please show this confirmation to the service staff on request

Best regards,
Development Team