**Batch: C1 Roll No: 16010121157, 16010121169, 16010121170**

**Exp No: 4**

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| **Title:**  Write in detail the implementation Process |

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**Objective:** To understand the implementation process of the project. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Expected Outcome of Experiment:**

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| **Course Outcome** | **After successful completion of the course students should be able to** |
| CO 4 | Implement and test the design as per mentioned specifications. |

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**Books/ Journals/ Websites referred:**

**1.**

**2.**

**3.**

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**Introduction:**

**Describe the need of this stage in project**

Project implementation that relies on strategic planning outlined earlier in the process can help a team achieve the project objectives while staying within budget and meeting relevant deadlines. Implementation is the part of the project cycle that bridges the planning process and the project outcomes. This step of the process, and how well it's executed, can ultimately determine the success of a project.

During the implementation phase, a project manager establishes how closely the team is meeting the project objectives, making changes as necessary to keep the project on track. Implementation allows project managers to take control of a project and empower the team to reach common goals, building trust and transparency among those directly involved with the project

**Title of Mini Project: Food delivery Website**

**Team Members:**

**1.Nandhini Ramesh**

**2.Sania Sarin**

**3.Abhishek Sarkar**

**Implementation details :**

***“Students are supposed to write the backend and frontend all details about the database name and attributes, fields etc.”***

Eg: API as always-on software sitting on a server, which acts as the interface between the frontend, the web JavaScript app on the browser in this example, and other code which manipulates data and accesses a database.

Access to the API from the JavaScript front end is done through the HTTP protocol. In the case of a web application, the API returns JSON, a specific data format to transfer specific information.

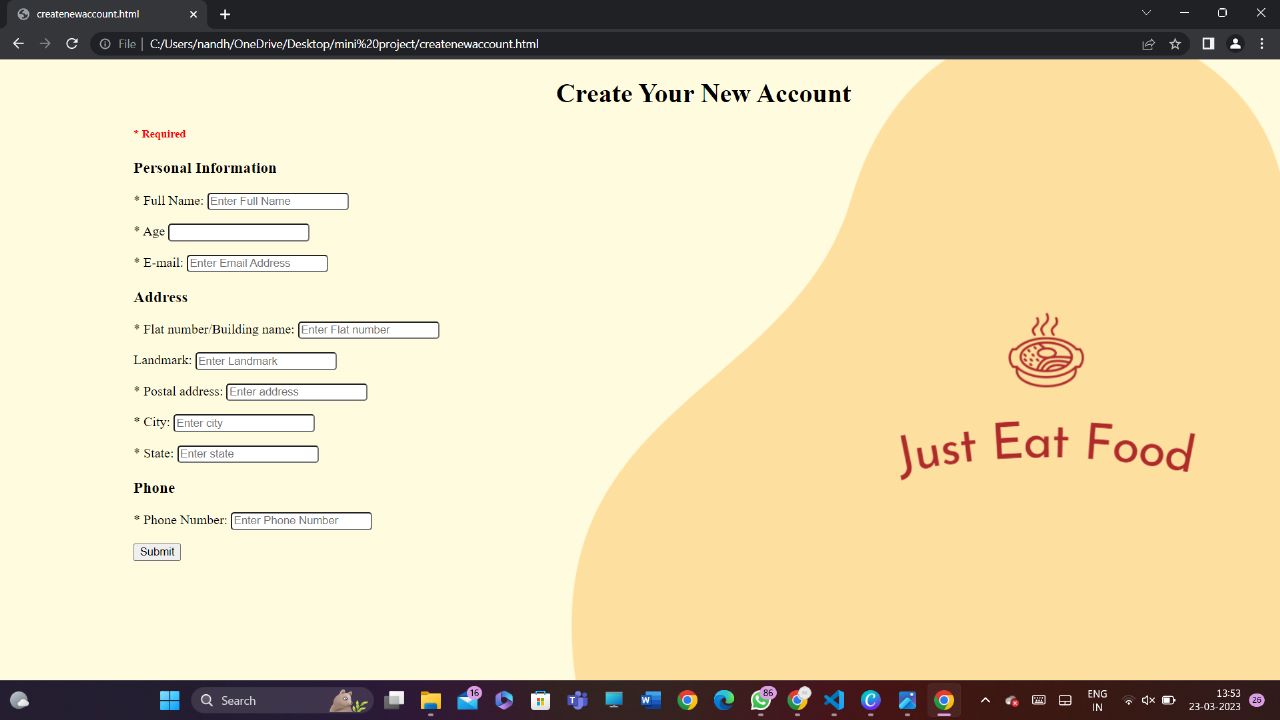
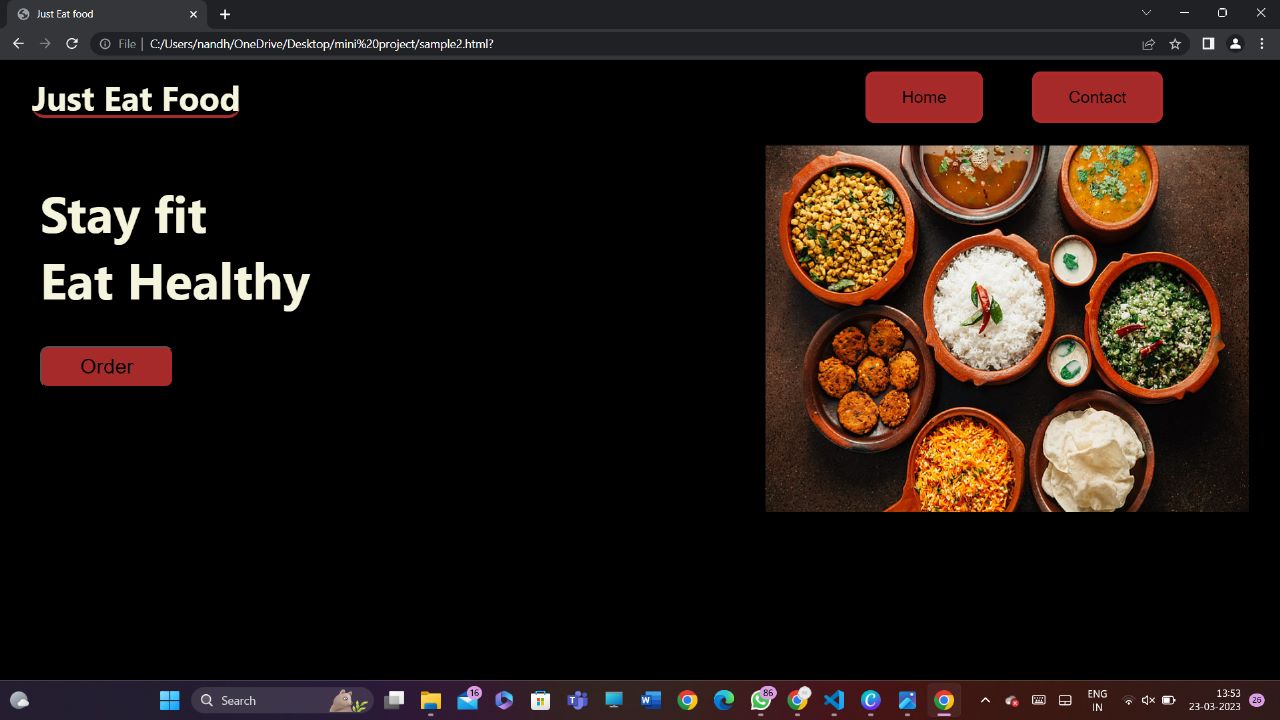
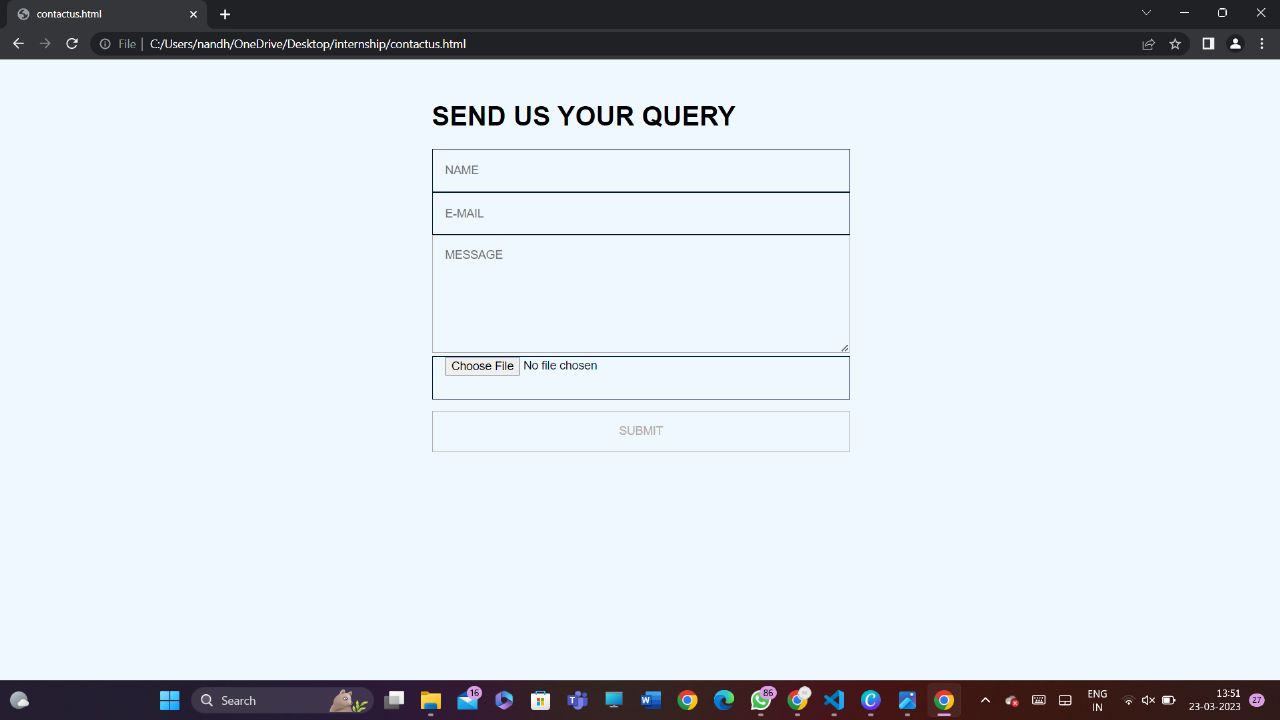
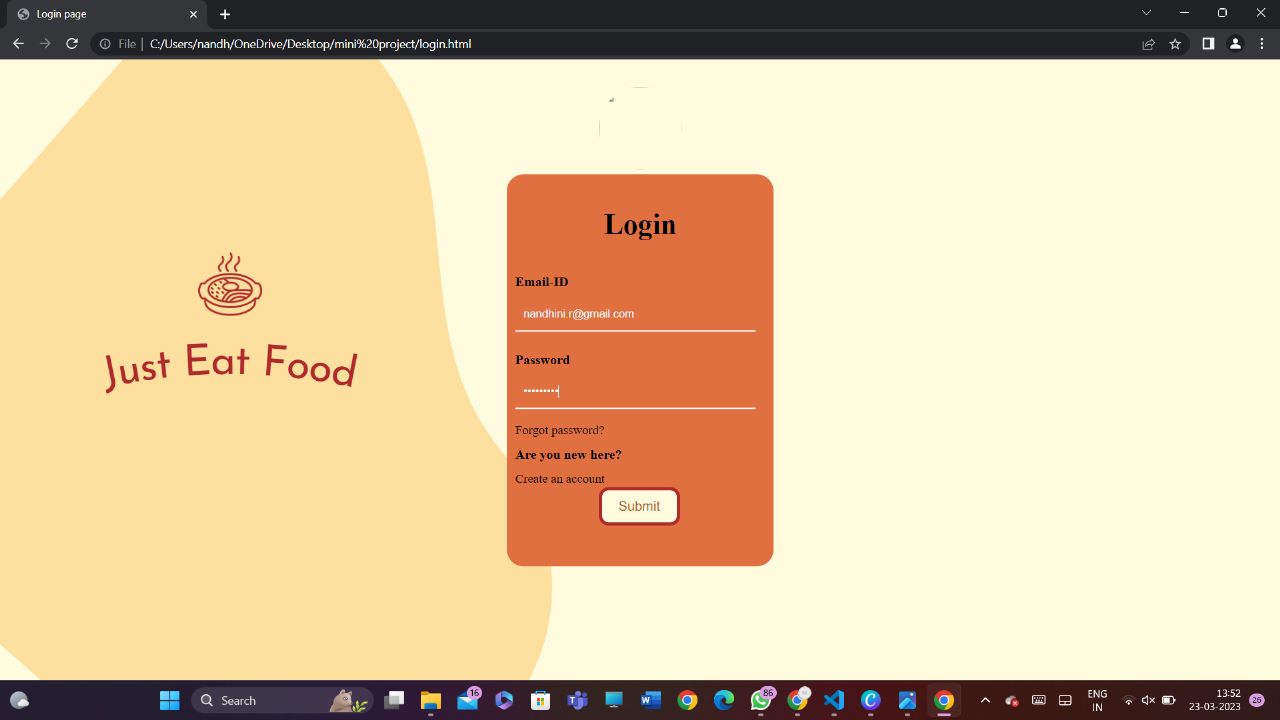
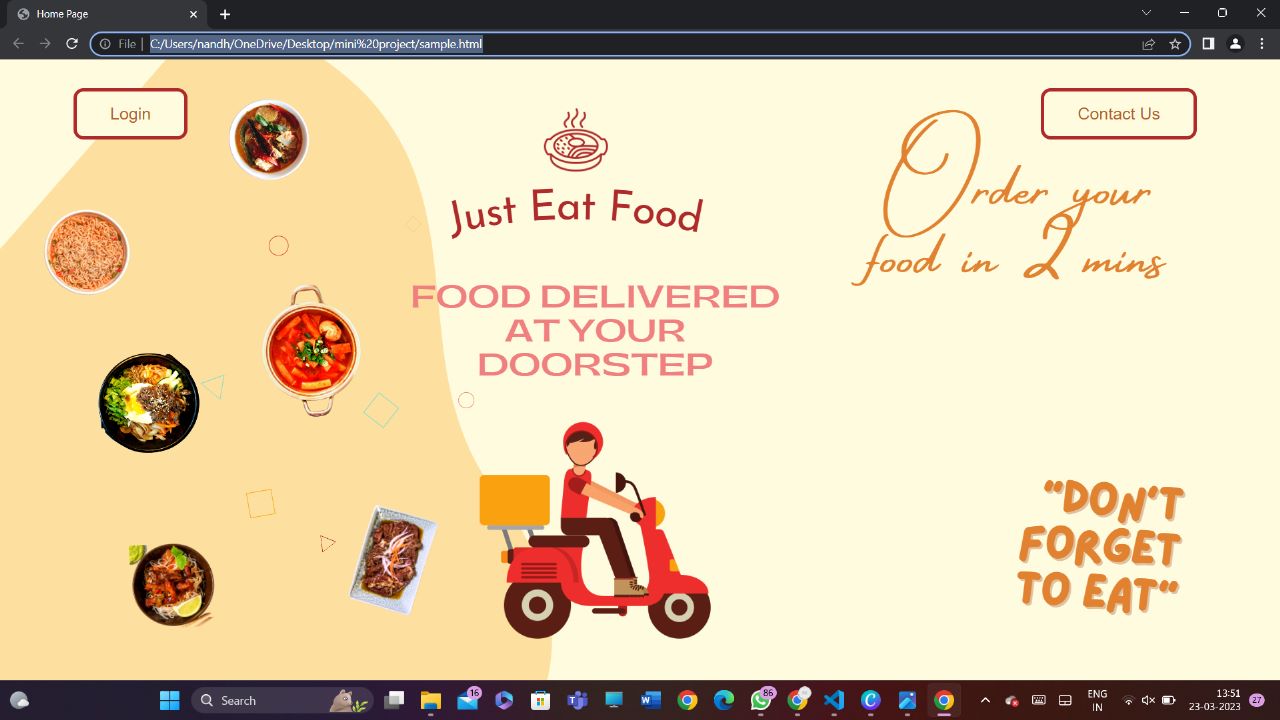
Pushing data to the API will also be usually done with JSON. The back end can be built with Java or Python, built with JavaScript libraries, specifically, NodeJS and the back end services that the web application depends for accessing database.

**Functions Implemented:**

1. **Login Page (major**): Email id and password to be entered where password is encrypted and secure. If there is a new user they can register themselves by clicking on the link ‘are you new here?’ which will take you to the registration page. After you login with the correct credentials you are taken to the order page.
2. **Home Page(major):** There is a login button and contact us button which will take us to the login page and to the contact us page respectively
3. **Order page and menu(major):** After login in you reach the page Order and menu, where you can choose from various restaurant and different items according to your wish.
4. **Registration page(major):** You can register here if you are a new user by giving all the required details and then it will take you to the home page
5. **Email validation (minor):** In the registration page
6. **Password encryption and validation (minor):** Added in the registration page
7. **Designed the background images using Canva**

**User interface:**

**Implementation method: *Write the way you have implemented different modules and put the screenshots after implementation***

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