

CDAC Mumbai
PG-DAC Sep21 Batch (Juhu & Kharghar)
Module 5: Web Programming Technology

Time: 2.5hrs

Marks: 25

1. Create a Front End Web App and design the following screen. **[15 Marks]**

MyChatApp by (STUDENT_NAME)(STUDENT_ID)

Hiii

Hello,

Whats App,

All good,

All the best,

Description

- Create a React Based Web Project.
- Functionality Details
 - Section 1 is the Header,
 - This contains Application Name, Student Name and Student ID.
 - Use React State Variable to display the information. Do not hard code the information.
 - Selection 2 contains,
 - Input field and Input button.
 - User should be able to type the message in the input field and Send the message using the Button Click
 - Input field must have Empty Validation.
 - On click of send button update the List state variable.
 - Section 3 Iterates the List State variable
 - Above message should not be hard coded, those are just for reference.
 - Note, Messages are displayed with Left and Right Alignment
- **Backend Integration is OPTIONAL.**
- **Bootstrap is OPTIONAL.**
- **WHILE SHARING THE SOURCE CODE ALSO SHARE THE SCREENSHOTS.**

2. Create a backend Restful Application, and design the following API. **[10 Marks]**

- An API that creates message records in the MESSAGE TABLE.
- An Api that read all the messages from the MESSAGE table.
- Test the API using POSTMAN.
- **FRONTEND INTEGRATION IS OPTIONAL**
- **SHARE THE SCREENSHOT OF POSTMAN OUTPUT**