FULL STACK II
PROJECT
(2020-2021)

UV WhatsApp

SYNOPSIS

Department of Computer Engineering & Applications

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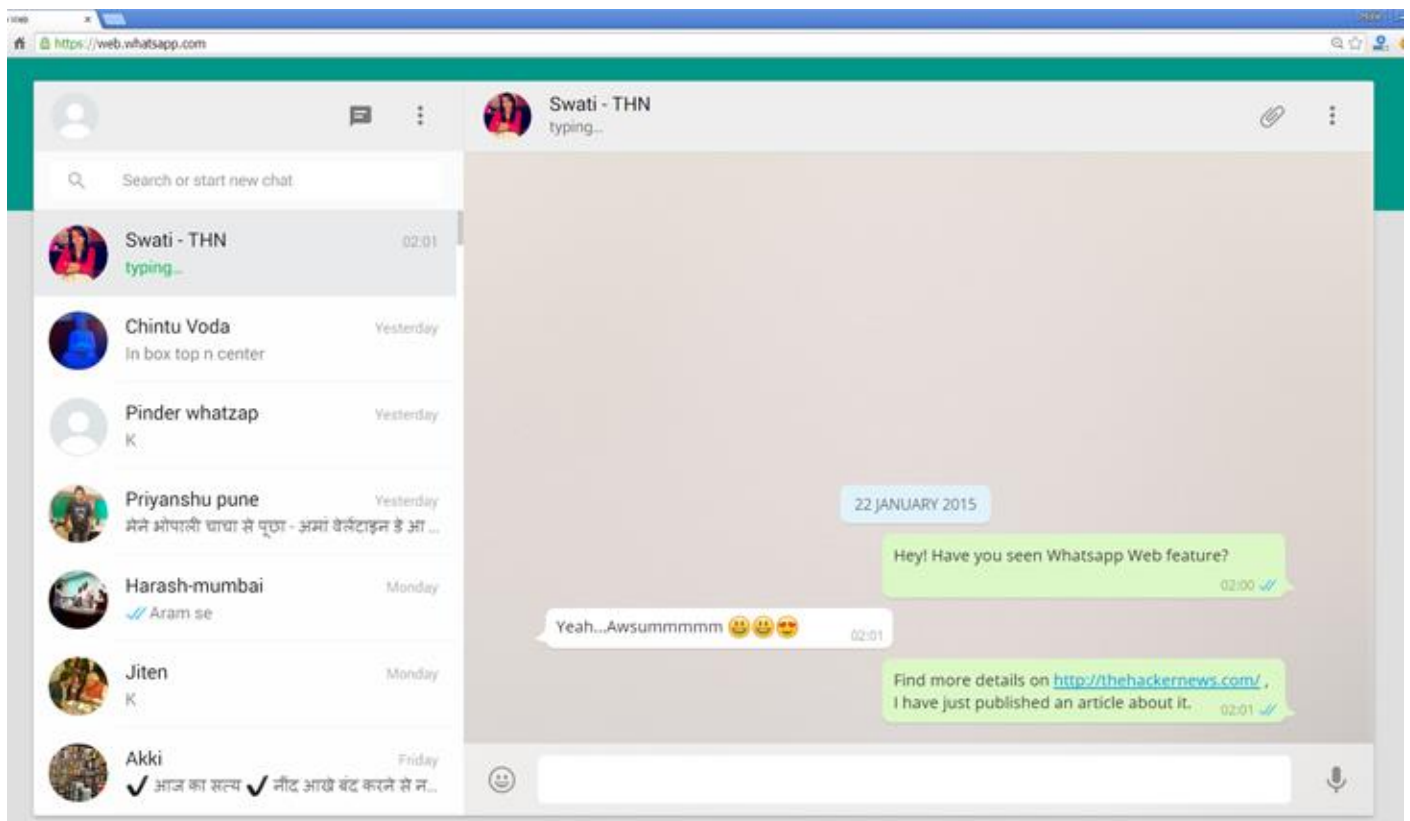**Department of Computer Engineering &Applications**

Introduction

We are going to make an chat application that help us to chat with other person which is far away from us or anywhere in the corner. We can create rooms in the webapp and chat with other group members using google authentication. The chats are public and stored in google firebase database. The **UV-WhatsApp** is an webapp in which user can create rooms and chat with that webapp. In this we are using API for avatars for the room icon.

Objective

The main objective to build this chat application is to reduce the management of chats and easily accessible to others as there are rooms which is use for chat and also google authentication for login to webapp. To build this chat application using React.js, Firebase, HTML, CSS and JavaScript.

Methodology

Expected Design

Contributions

Harshita Bhardwaj: Designing.

Vipul: Scripting and Designing.

Umesh Pratap Singh: Scripting and Designing.

Limitations

Chats are not private. User cannot be able use other functions except chatting and creating rooms. We are working to add others functions to be fully workable webapp.

Repository Link

- https://github.com/vipulgupta22/UV_Whatsapp

Implementations

1. Front-end: for front-end we are using HTML, CSS and JavaScript.
2. Back-end: for back-end we are using React.js and Google Firebase for storage.
3. API: for api we are using avatars dicebear api's.

Tools

Visual Studio Code:
Microsoft Visual Studio is a powerful IDE that ensures quality code throughout the entire application lifecycle, from design to deployment. Whether you're developing applications for SharePoint, the web, Windows, Windows Phone, and beyond, Visual Studio is your ultimate all-in-one solution.

Technology

- HTML
- CSS
- React.js
- JavaScript
- Google Firebase (storage)
- API (avatar dicebear)

Conclusion

Explore and Chat with other people which is anywhere in the world by creating a room.

References

- https://www.youtube.com/watch?v=pUxrDcITyjg&t=12419s&ab_channel=CleverProgrammer
- https://www.tortilla.academy/Urigo/WhatsApp-Clone-Tutorial/master