

Cadbury Assistance

An Application Assistant



By
Symbolic Demons

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Introduction to the Project



- "Cadbury Assistance", is built with the aim and motivation to bring ease in the lives of client companies and end users. In today's digital world, everyone wishes to have their own, all time available assistant. "Cadbury Assistance" is web based assistive button which can be integrated into web applications and provides amazing functionalities.
- Cadbury bot is supposed to act like an guardian who's overlooking your activity sitting on top of the application/website and helps you in making your experience of using the application better. Our System is capable of guiding users throughout any application with predefined Q&A and Q&A using machine learning, see active announcements, report bugs , performance of application and search items.

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- We have developed website for handling admin requirements such as able to see all announcements active and inactive, able to see all bugs, add navigation details for customer to use, etc.
 - Records of bugs , announcement and navigation details are done in database and accessibility is made in such a way that multiple user can access the same data.
 - Communication between admin and customer regarding bug is achieved through mail, which makes a hassle free experience for the customer.
 - In our final project we were able to achieve Cost Optimization, Operations Excellence, Reliability, Performance Efficiency and security.

Project Scope



This System covers the following :

- Admin has access to entire data.
- Admin can make announcements and see both active and inactive announcements
- Admin can see both active and inactive bugs reported .
- Email communication with admin and end user for bug reporting.
- Users can interact with chatbot to know more in a natural conversation manner.
- Customers can view active announcements, search navigation details, see performance, report bug, etc.
- Easy injection of assistive button for any web application.

Project Goal



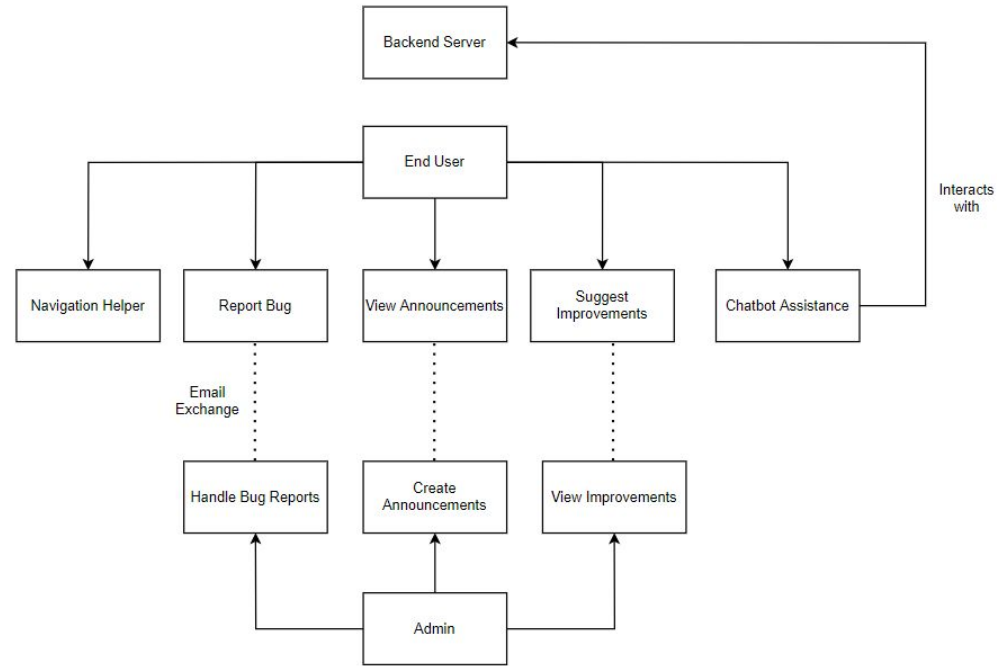
- To remove the manual or paper work in the assistance
- Provide a platform with interactive user interface for both end customer and admin.
- Ease burden and save time of both admin and end customer.
- Get online support in an efficient manner.
- To save cost for each user
- User Friendly

Tools and Technologies



- Node JS
- React JS
- Python
- Flask
- Express
- MongoDB
- Mongo DB atlas
- HTML
- CSS
- Javascript
- Material UI
- React-Routers
- Heroku
- Github
- Netlify
- Rest Api
- Postman

Flowchart

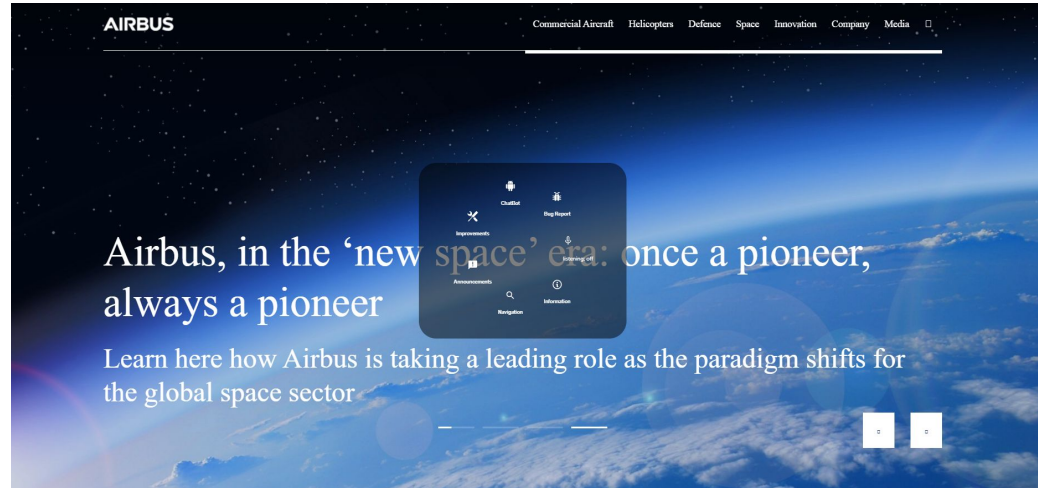


Project Explanation

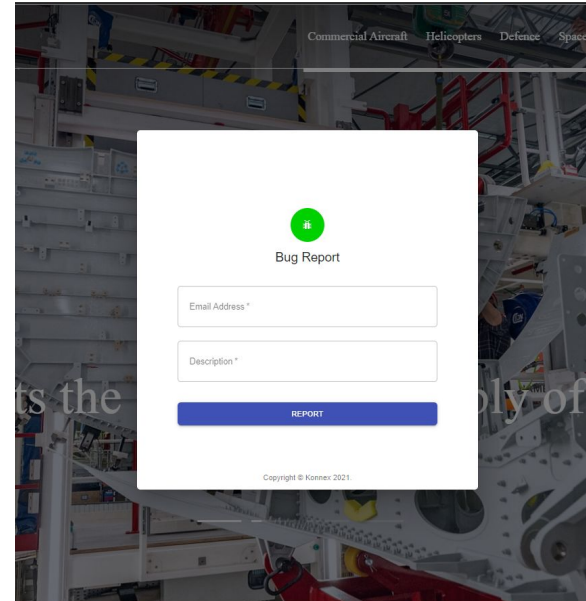
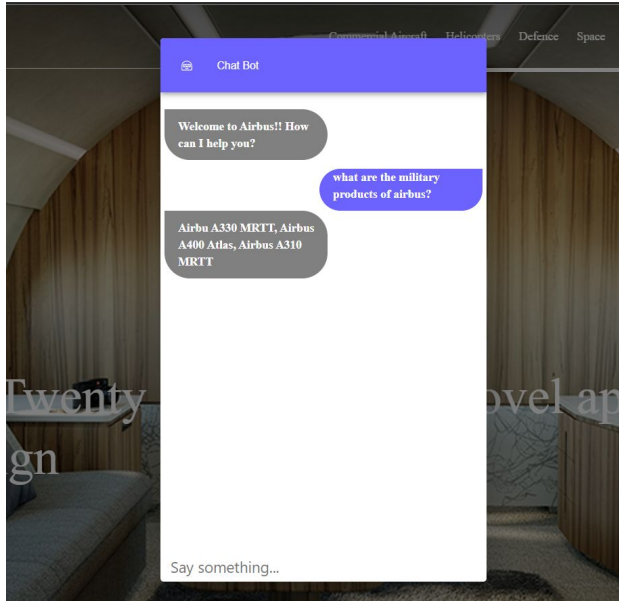
Client Side:

Assistive button components:

- Chat Bot
- Bug Report
- Navigation
- Improvement
- Announcement
- Information
- Speech Recognizer

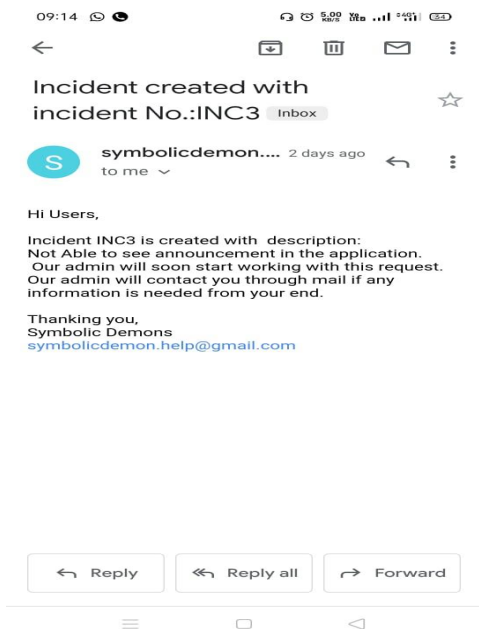


Chatbot and Bug Report

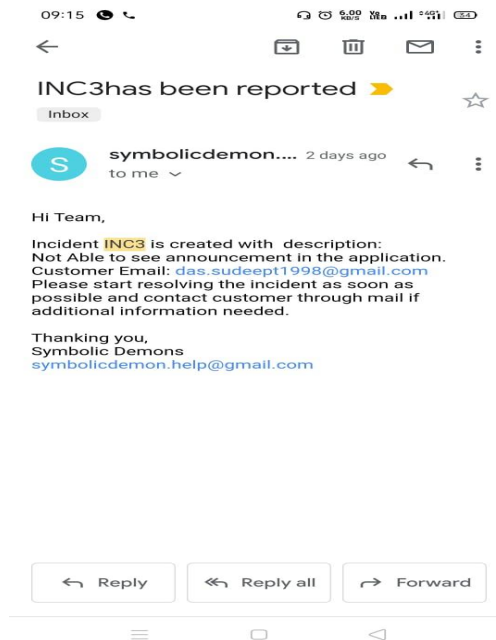


Email Communication for Bug Report

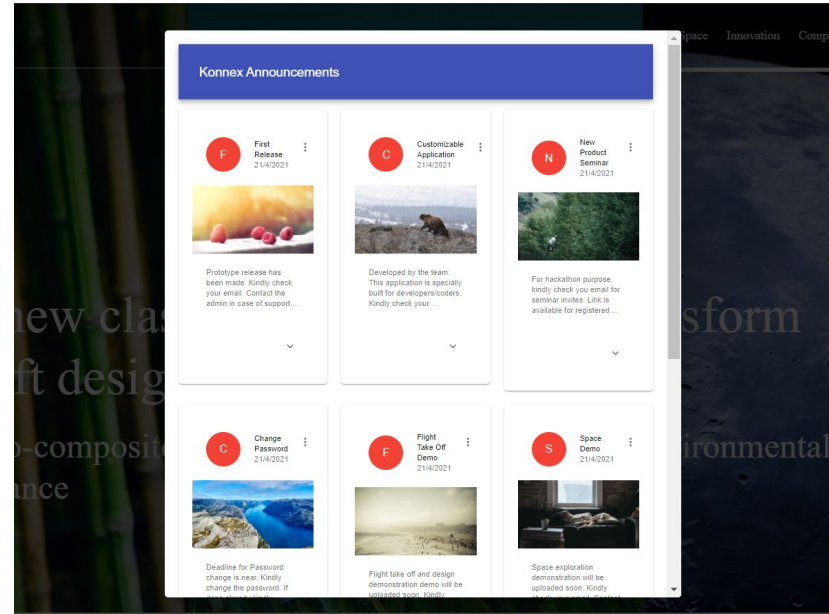
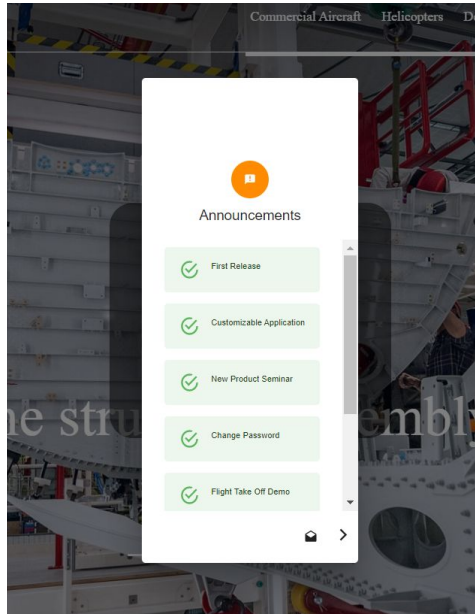
End User Mail:-



Admin Mail:-




Announcements



Improvement and Navigation Helper

Commercial Aircraft Helicopters De



Improvements

Title *

Details *

POST

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Commercial Aircraft Helicopters Defence Space Innovation Company

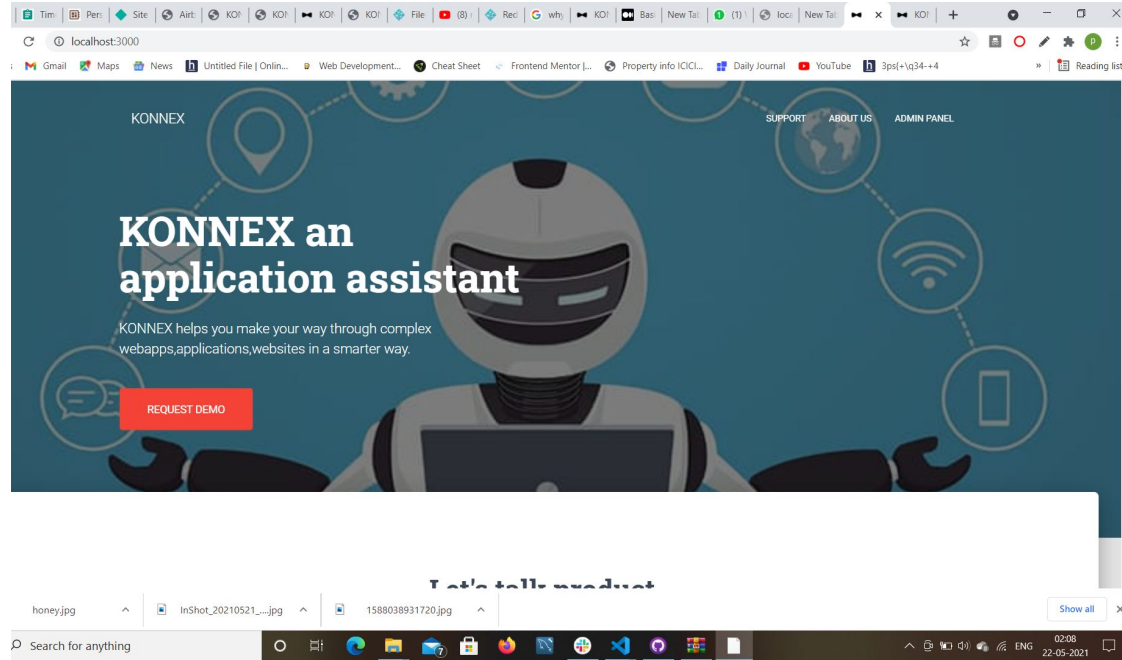
Navigation Helper

Search

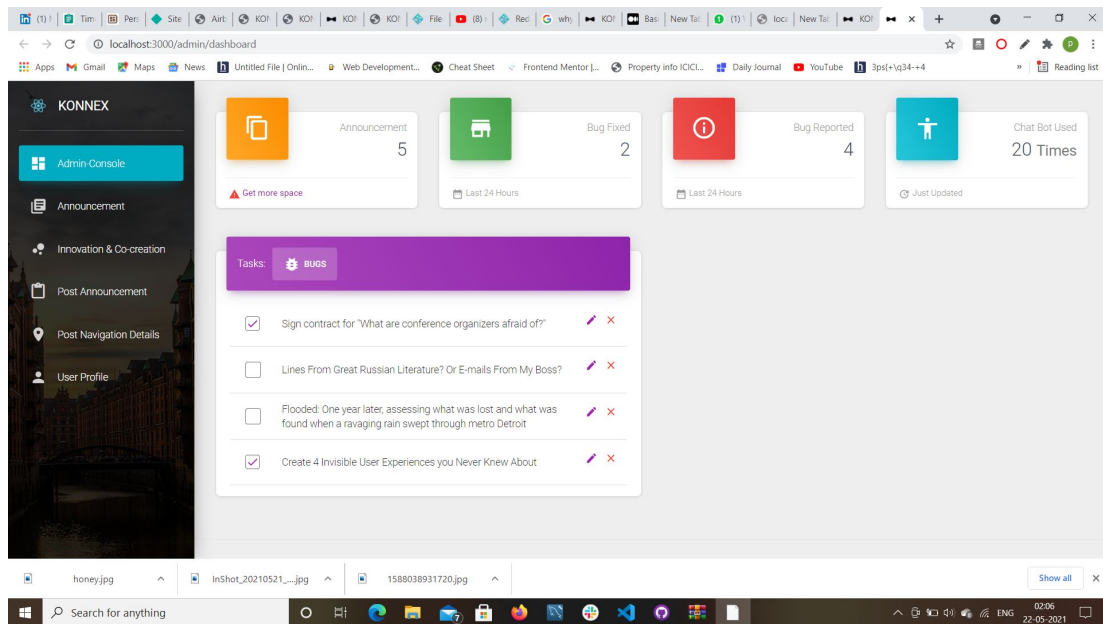
Topic	Details
COMPANY	https://www.airbus.com/company.html Airbus is an international pioneer in the aerospace industry. We are a leader in designing, manufacturing and delivering aerospace products, services and solutions to customers on a global scale. We aim for a better-connected, safer and more prosperous world.
NEWSROOM	https://www.airbus.com/newsroom.html

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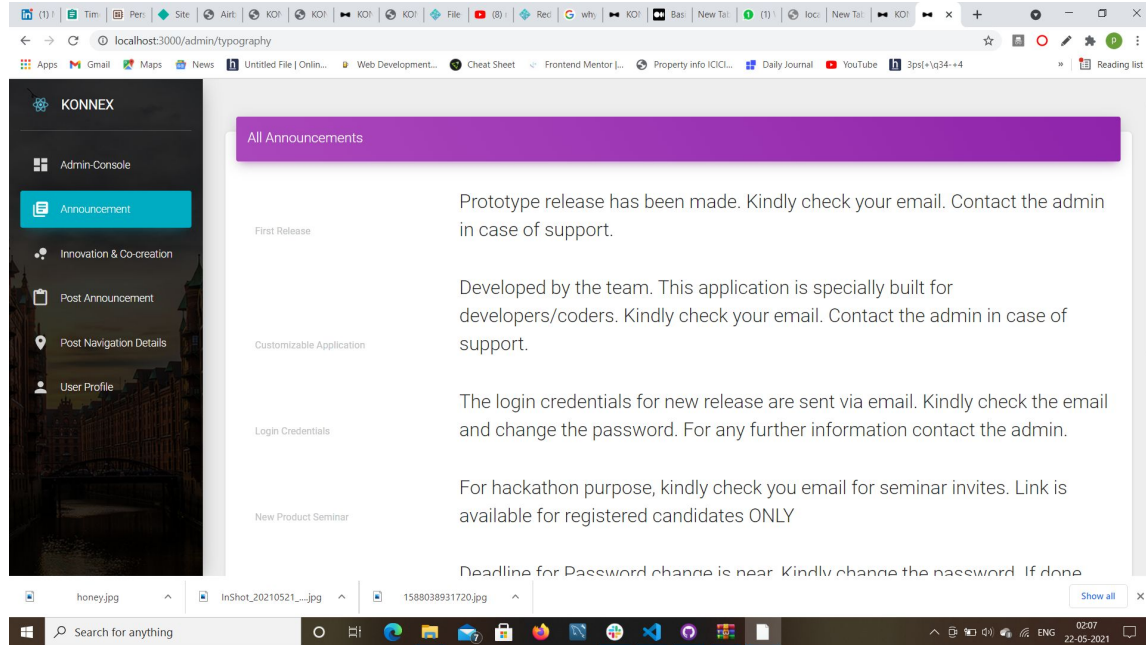
Admin Module



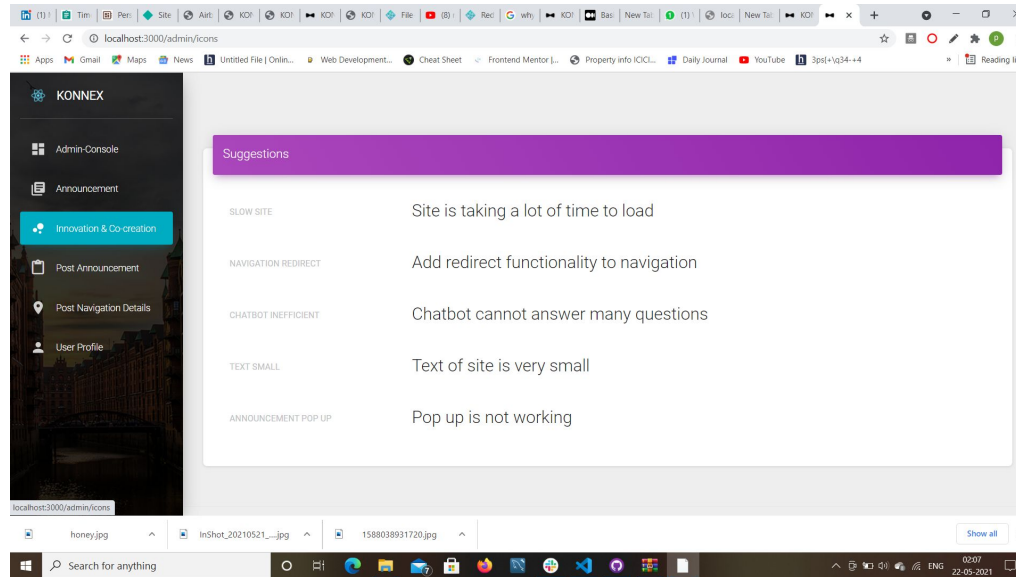
Admin Module



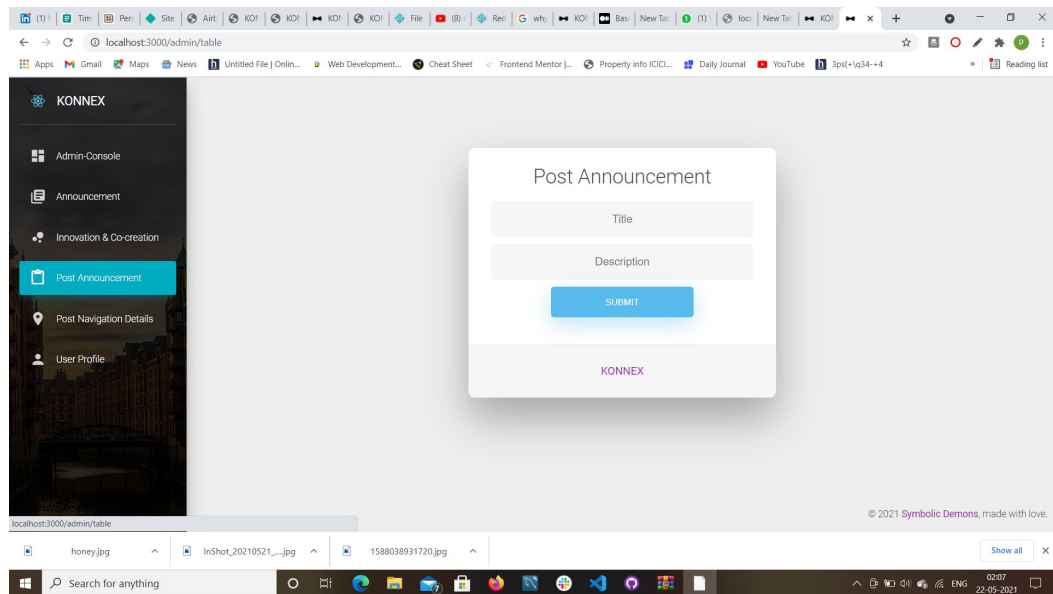
Admin Module



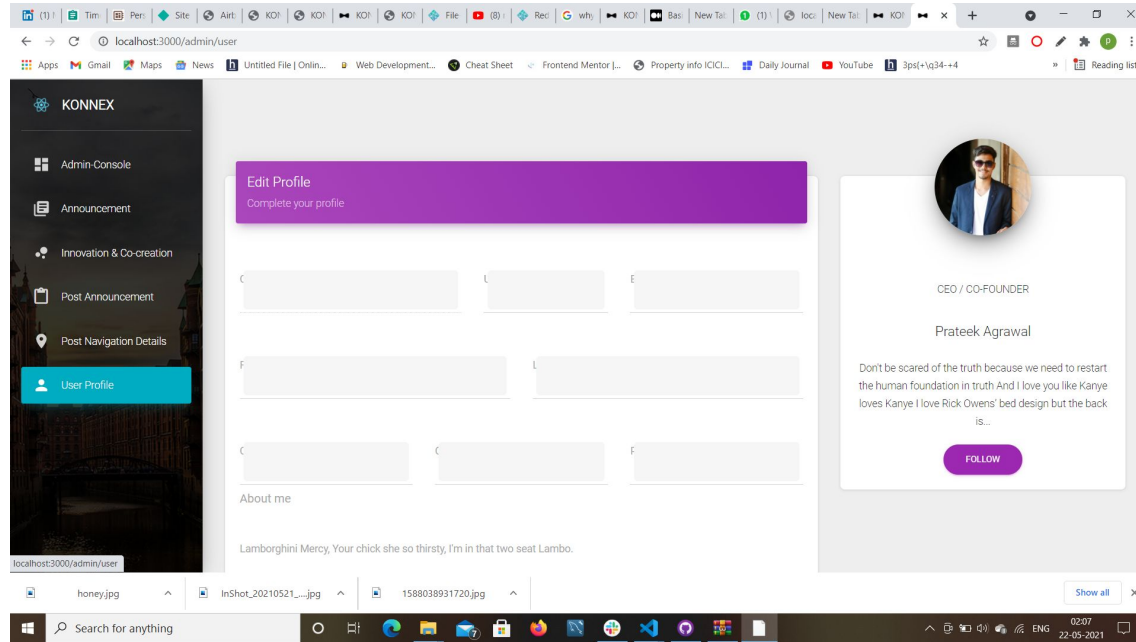
Admin Module



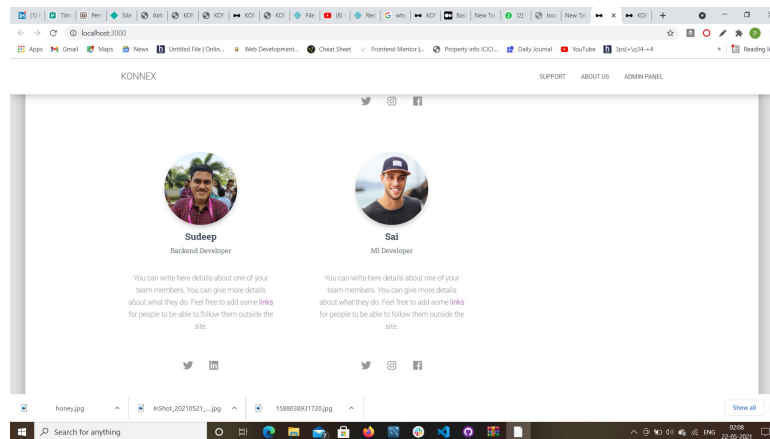
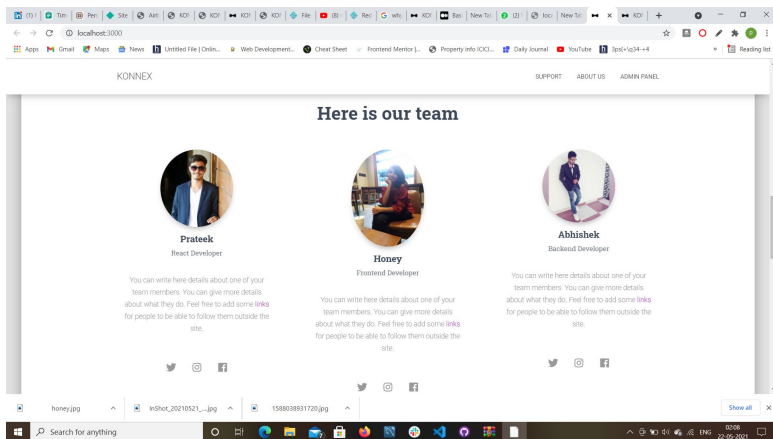
Admin Module



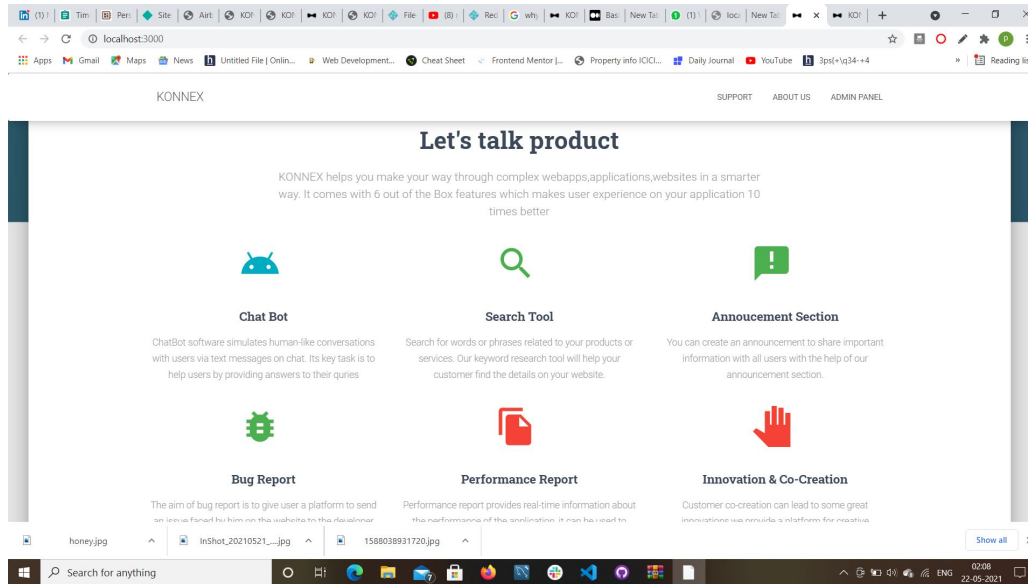
Admin Module



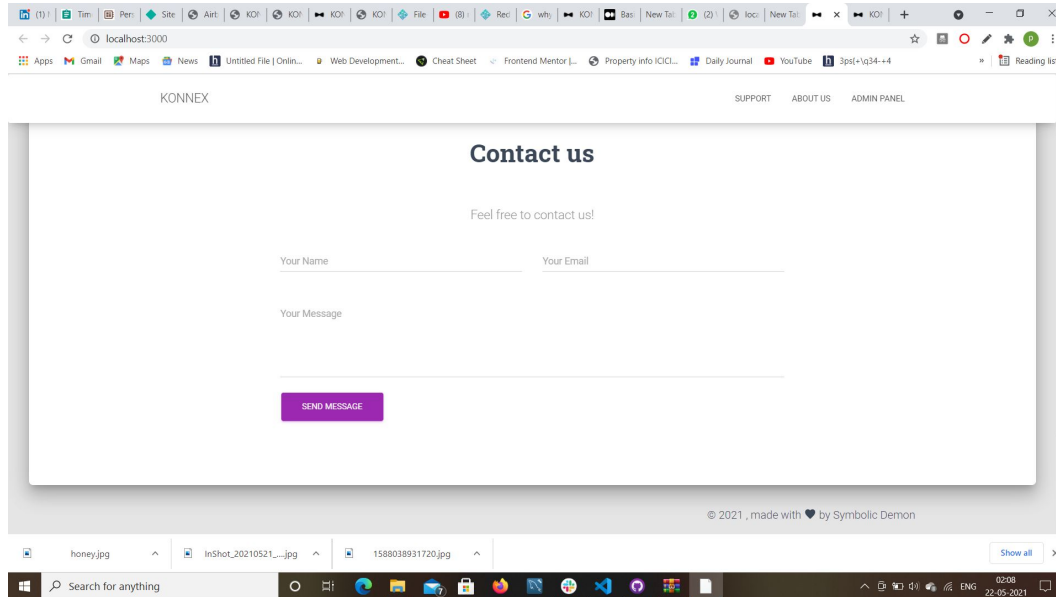
Admin Module



Admin Module



Admin Module



Future Scope



- Security Enhancement through OTP can be integrated with the admin and user login.
- Making it accessible to use in for differently abled people with speech recognition.
- Using more advanced machine learning model to serve users better responses in chatbot.
- Making admin more customizable in terms of updating, deleting and segregating announcements, Improvements, Bug Reports, etc.
- Making Assist menu more customizable by providing a panel to add and customize individual components.
- Addition of gamification features, advanced error handling, performance tracking, etc



**Thank
You**