

# TEAM



**MANEESH RAJ**



**ANSHU MISHRA**



**SANDIPAN RAY**



**CHANDRASHEKHAR**



**JAY KUMAR  
VISHWAKARMA**

# MILESTONES

*PAST*

*FUTURE*

SEMESTER 1

SEMESTER 2

SEMESTER 3

SEMESTER 4

- FORMULATED THE PROBLEM STATEMENT IN THE DOMAIN AND DEFINED IT

- ASSIGNED A NAME FOR THE GROUP
- DESIGNED A TEAM LOGO
- RESEARCHED FOR THE SCOPE OF THE PROBLEM IN THE MARKET
- ADRESSED THE GAP IN IT

- ANALYSED THE TARGET CUSTOMERS/BENIFICIARIES FOR THE SOLUTION

- ANALYSED THE BUSINESS MODEL
- DESIGNED THE PROTOTYPE LAYOUT AND THE CHAT MODEL

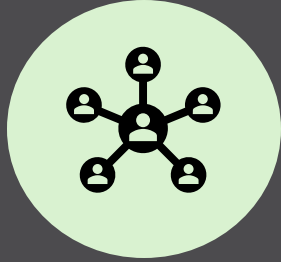
# KNOW YOUR TEAM

TEAM MEMBER NAME	STRENGTH	WEAKNESS	JOB ASSIGNED FOR ESD PROJECT
ANSHU MISHRA	DATA RESEARCH	DESIGNING	DATA ARRANGEMENT
CHANDRASHEKHAR	COMMUNICATION SKILLS	DESIGNING	DATA RESEARCH
SANDIPAN RAY	RESEARCH	TEAM MANAGEMENT	DATA RESEARCH
MANEESH RAJ	TEAMWORK	RESEARCH	TEAM LEADER
JAY KUMAR VISHWAKARMA	CREATIVITY	PUBLIC SPEAKING	PRESENTATION DESIGNER

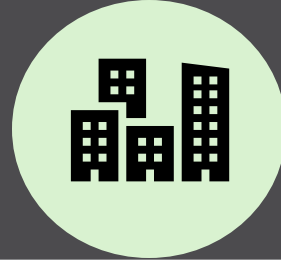
# INTRUSION TO DATA PRIVACY



**DATA  
BREACHING  
THROUGH  
HUMAN  
ERRORS**



**DATA BREACH  
THROUGH  
DISTRIBUTED  
DENIAL OF  
SERVICE(DDOS)**



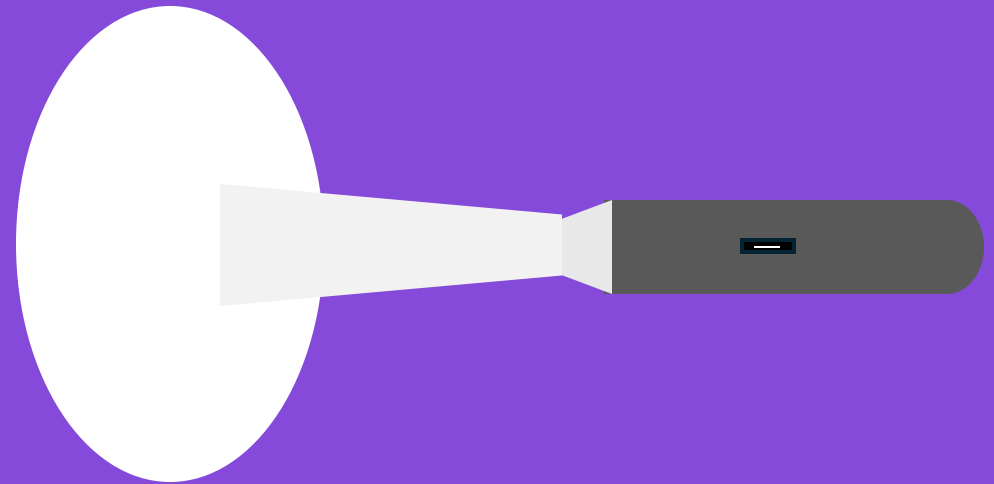
**DATA  
BREACHING  
THROUGH  
INSIDER  
MISUSE BY  
COMPANIES**



**DATA  
INTRUSION BY  
API BREACH**

# MISSION STATEMENT

***OUR MISSION IS TO CONSTRAIN AND  
REDUCE THE DATA BREACHING BY  
PHISHING SCAMS, HUMAN ERROR WHICH  
INCLUDE SENDING PASSWORDS OR  
SENSITIVE INFORMATION TO THE WRONG  
RECIPIENT.***



# SOLUTION

## CALL MANAGEMENT

- Efficiently handles incoming calls.
- Provides a comprehensive solution for call-related functionalities.

## VOICE ASSISTANT

- Utilizes voice assistant technology.
- Seamlessly confirms the validity of incoming calls.

## SPAM DETECTION

- Automatically identifies potential spammers.
- Enhances security by preemptively handling spam calls.

## CHATBOT SUPPORT

- Introduces a chatbot for user assistance.
- Enhances user experience through interactive support.

**THE SOLUTION CONTAINS A SOFTWARE APPLICATION WITH IN-BUILT TEXT-TO-SPEECH AND CHATBOT SUPPORT FOR INCOMING CALLS WHERE THE USER CAN COMMUNICATE WITH THE CALLER VIA TTS TO PREVENT VOICE CLONING OF THE USER.**

# TECHNOLOGY TO BE USED



**SQL**



**FLUTTER**



**DIALOGFLOW**



**VONAGE API**



**TWILIO**

# BUSINESS CONCEPT

## Subscription Model & Pricing

### Subscription Plans:

**Basic:** \$9.99/month or \$99/year – Limited call minutes, basic TTS voices.

**Premium:** \$29.99/month or \$299/year – Unlimited call minutes, advanced voice customization, priority support.

## Enterprise

**Custom pricing** – Based on licenses and requirements.

### Payment Options:

Individuals/Corporates: Subscriptions or per-use.

Government/Enterprises: Contracts or bulk licenses.

**Pay-Per-Use:** \$0.10 per minute of TTS service.



# BUSINESS CANVAS MODEL

## Key Partners

**TTS Providers:** TTS engines and APIs.

**Cloud Services:** Hosting and scaling.

### Telecom Companies

:Integration with phone networks.

**Security Firms:** Advanced encryption.

### Marketing Agencies:

Promotion and outreach.

## Key Activities:

**App Development:** Continuous improvement and feature enhancement.

**Marketing and Sales:** Promoting the app to individuals, businesses, and governments.

## Key Resources:

**Technical Team:** Developers, security experts, and IT support.

**TTS Infrastructure** :Cloud servers and TTS technology.

**Financial Resources:** Funding for development, marketing.

## Value Propositions:

**Privacy and Security:** Protecting users from voice cloning and fraud.

**Ease of Use:** User-friendly interface for seamless integration into daily communication

## Customer Relationships:

**Personalized Assistance:** Dedicated support for premium and enterprise users.

**Community Engagement:** Forums and social media groups to foster a user community.

## Channels:

**App Stores:** Google Play Store, Apple App Store for individual users.

**Website:** Direct downloads and information for all users.

**Enterprise Sales Team:** Direct sales for businesses and government clients.

## Customer Segments:

**Individuals:** General users concerned about their privacy.

**Businesses:** Corporations needing secure communication channels.

## Cost Structure:

**Development Costs** Salaries for developers and technical staff.

**Operational Costs:**Cloud services, servers, and TTS technology.

## Revenue Streams:

**Subscriptions:** Monthly or annual fees for individual users.

**Premium Features:** Additional charges for advanced features and customizations.

# SCALABILITY

- **Strategic Partnerships:**

**Telecoms:** Include in service packages.

**Cybersecurity:** Integrate security features.

**Tech Platforms:** Integrate with Zoom, Teams, etc.

- **Product Development:**

**Features:** Add based on feedback.

**UX:** Enhance UI/UX.

**Platforms:** Available on iOS, Android, web.



- **Customer Retention:**

**Loyalty:** Rewards for long-term users.

**Support:** Excellent customer service.

**Community:** Build user forums

- **Scalability Potential:**

**Tech:** Cloud infrastructure, robust APIs.

**Market:** Diverse revenue, global reach.

**Ops:** Automated processes, AI support.

# SWOT ANALYSIS

- **Advanced TTS and encryption technologies**
- **User-friendly interface**
- **Customizability**

**S**

- **Limited initial funding**
- **Difficulty in attracting and retaining a large user base**

**W**

- **Growing privacy concerns among individuals and businesses**
- **Market expansion potential in international markets with stringent privacy regulations**

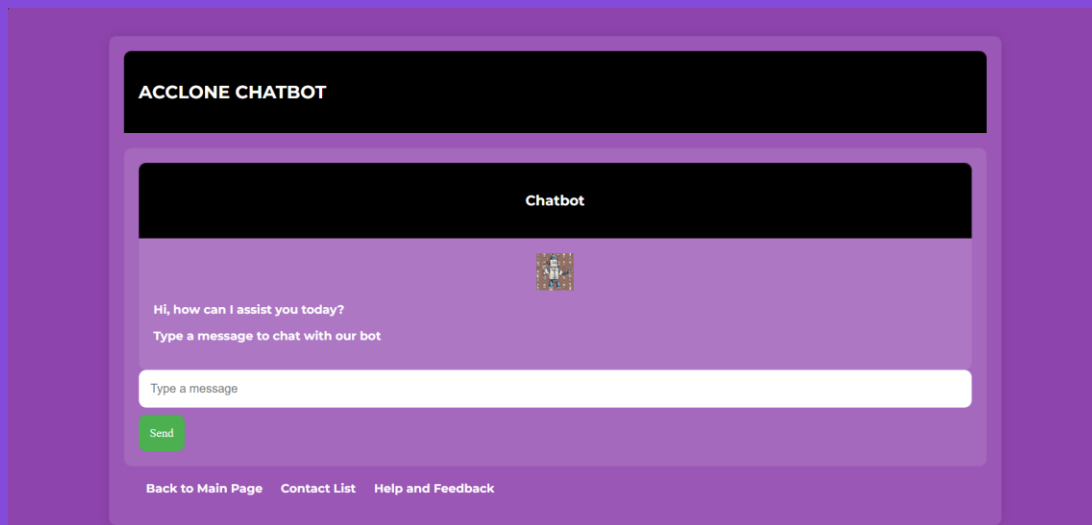
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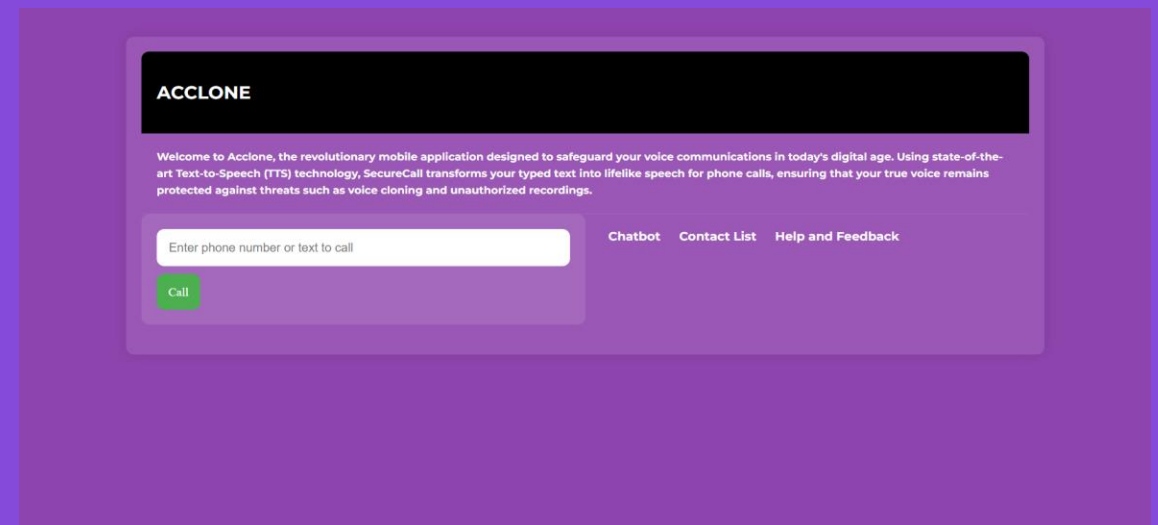
- **Potential security breaches and vulnerabilities**
- **Market saturation**

# IMPLEMENTATIONS

- **Website Prototype:** We need a website that supports a multipage system and includes authentication features such as sign up and login using email by firebase. The prototype should accurately reflect the layout and content of our design. Link: [https://amishra-d.github.io/secure\\_/](https://amishra-d.github.io/secure_/)
- **Android Application with Chatbot:** An Android application featuring a functional chatbot model. This chatbot will handle and respond to all queries related to the specified context.



Chatbot page



Home page

Email

Password

Register Now

Email

Password

Login

Login page

Help & Feedback

Welcome to the Help & Feedback page of Your Website Name. We are here to assist you!

Need Help?

[FAQs](#)

[Contact Support](#)

Frequently Asked Questions

Find answers to common questions about our products and services.

Question 1: Answer to Question 1

Question 2: Answer to Question 2

Contact Support

Reach out to our customer support team for assistance.

Help and feedback page



TEXT TO GENERATE RESPONSE

Go




App Layout



TEXT TO GENERATE RESPONSE  
should I share my credentials on an  
anonymous website ?does it concern  
my data privacy?

Go

 Yes, it concerns your data privacy.  
Sharing your credentials on an  
anonymous website can lead to  
identity theft, financial fraud, and  
other security risks.

**THANK YOU**