A PROPOSAL DIFFERENCE ON THE PROJECT

VOTIX

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ABSTRACT

VOTIX is a debate-focused social media platform aimed at facilitating structured, meaningful, and sentiment-driven discussions online. Through topic-based channels, users engage in debates, post multimedia content, and participate in upvote/downvote systems. Unlike conventional social networks, VOTIX prioritizes depth and diversity of opinions while visualizing sentiment via red-green indicators. The platform supports community building, reputation scoring, and quality content moderation. Built using web technologies and Firebase, the project promotes democratic online dialogue, civic awareness, and public discourse enhancement.

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CHAPTER 1: INTRODUCTION

1.1 Background

VOTIX is a digital platform designed to elevate online conversations from superficial popularity contests to structured, meaningful debates. The goal is to create a social platform that visualizes sentiment, rewards user contributions, and helps measure public opinion.

1.2 Problem Statement

Social platforms today often lack depth in engagement and tools to represent public sentiment effectively. There is a need for a forum that prioritizes diverse views, structured discourse, and reputation-based content curation.

1.3 Objectives

- To promote diverse and meaningful discussions.
- To encourage critical thinking through structured debates.
- To provide transparent sentiment indicators.
- To prioritize content based on involvement.
- To support multimedia expression.
- To establish a reputation through contributions.

1.4 Applications

- Civic awareness and public opinion polling
- Political and academic debates
- Social trend and sentiment analysis
- Content-based community building

1.5 Project Features

- Sentiment bar per post
- Topic-based channels
- Upvote/downvote and comment system
- Multimedia support (text, image, video)

1.6 Feasibility Analysis

- Economic: Uses free tools; minimal cost
- Technical: Feasible with Firebase, JavaScript
- Operational: Practical and user-friendly interface

CHAPTER 2: LITERATURE REVIEW

2.1 History

Early online forums focused on text-based discussion (e.g., Reddit, Quora). However, such platforms often lack transparent sentiment tracking or structured reputation systems.

2.2 Existing System

Platforms like Reddit allow topic-based discussions but prioritize posts by upvotes alone. Facebook supports comments but lacks structured debate features. VOTIX differentiates itself with its sentiment visualization and user engagement system.

CHAPTER 3: METHODOLOGY

3.1 Methodology

- Agile methodology for iterative development
- Figma for UI/UX mockups
- Frontend: HTML, CSS, JavaScript
- Firebase backend (Database + Auth)
- GitHub for version control

3.2 Flowchart

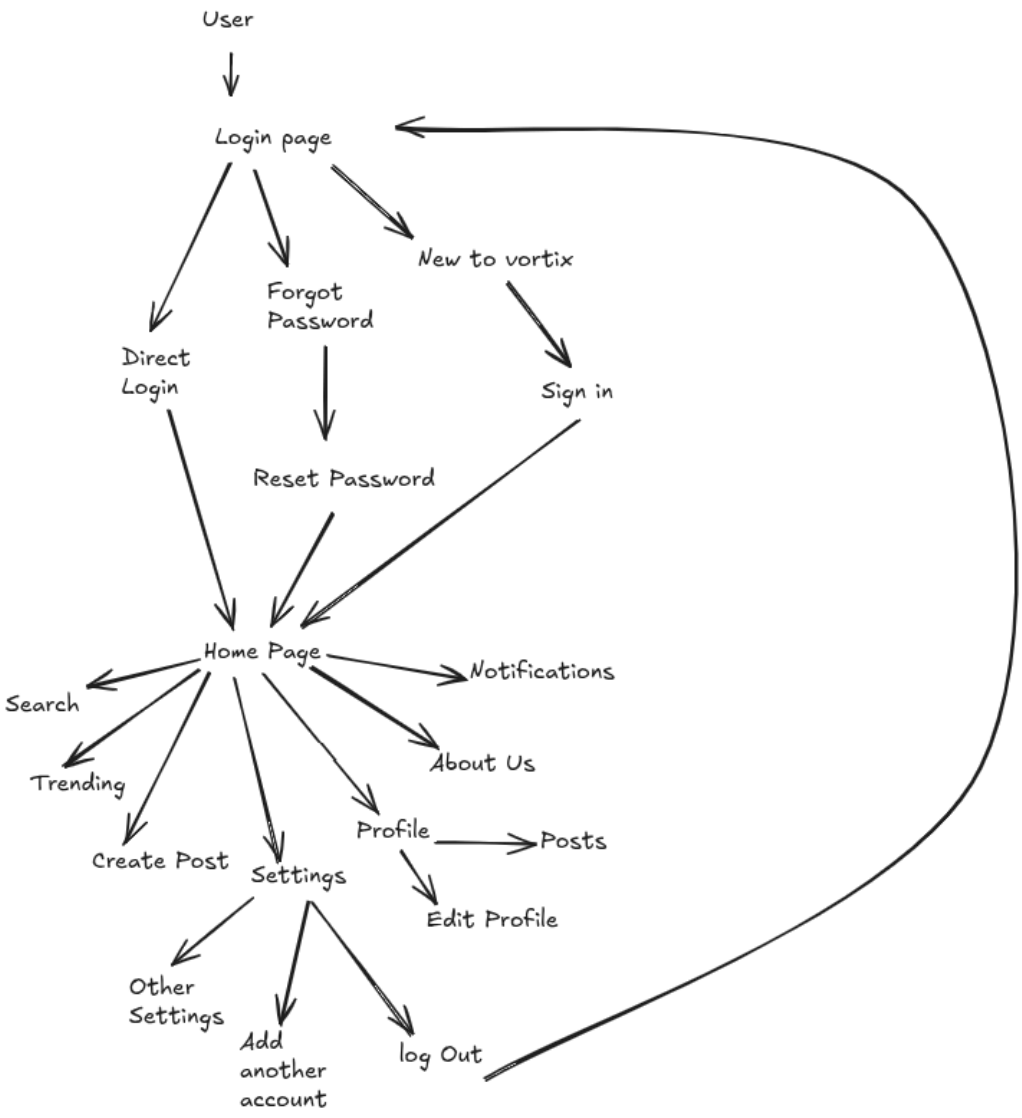

FIG : User Flow Diagram

CHAPTER 4: EPILOGUE

4.1 Expected Output

- Real-time, sentiment-based post display
- Engagement-based ranking
- Public opinion visualization tools

FIG: Expected Output

4.2 Budget Analysis

Factor	Details
Team Members	4
Work Hours Daily	~1.5 hrs
Pay Per day	Rs. 555
Duration	90 days
Cost per Person	Rs. 12,500
Total Budget	Rs. 50,000

4.3 Work Schedule

Phase	Duration
Planning & Documentation	7 days
UI/UX Design	10 Days
Frontend Development	10 Days
JavaScript Functionality	12 Days
Backend integration	12 Days
Debate Logic	8Days
Image / Video Upload	7Days
Channels Features	6Days
Testing	6Days
Hosting & Deployment	4 Days
Documentation Final	2Days
Total	90 Days

REFERENCES

1. Firebase Documentation, https://firebase.google.com
2. Figma UI/UX Design Manual.
3. GitHub Guides, https://docs.github.com
4. CSIT course reference materials and notes.