



# Project Proposal

By HyperTechs 2.0

Our project aims to develop a basic *chat application* using Angular. Users can create accounts through a secure sign-up process and engage in one-on-one conversations. The application will offer the following basic features:

- **Chat Interface:** A well-designed chat window for sending and viewing messages
- **Conversation History:** Maintain a history of conversations for easy reference
- **Threaded Conversations:** Organized messages chronologically within each conversation
- **Timestamps:** Include timestamps on each message for transparency
- **Real-Time Updates:** Implement a mechanism (to be further determined) to display new messages in real-time or alike
- **In-App Notifications:** Inform users about new messages with visual cues within the application
- **Read Receipts:** Enhance communication transparency by indicating when messages have been seen (Optional)

Angular's component-based architecture will be utilized to create a structured and maintainable codebase. This project will showcase our understanding of Angular's functionalities for building dynamic web experiences while delivering a valuable communication tool.