TIAA - Retirement Industry AI Hackathon

Team Name : TechnoCrats

Dwarkadas J. Sanghvi College Of Engineering

Team Members

Mehek Jain

Pooja Gandhi

Meet Vasa

Jay Vithlani

Why Do We Need Retirement Planning ?

- Increased standard of living
- Increasing Medical Costs
- Enjoy Early Retirement & Peace of Mind
- Longetivity
- Early Retirement
- Inflation

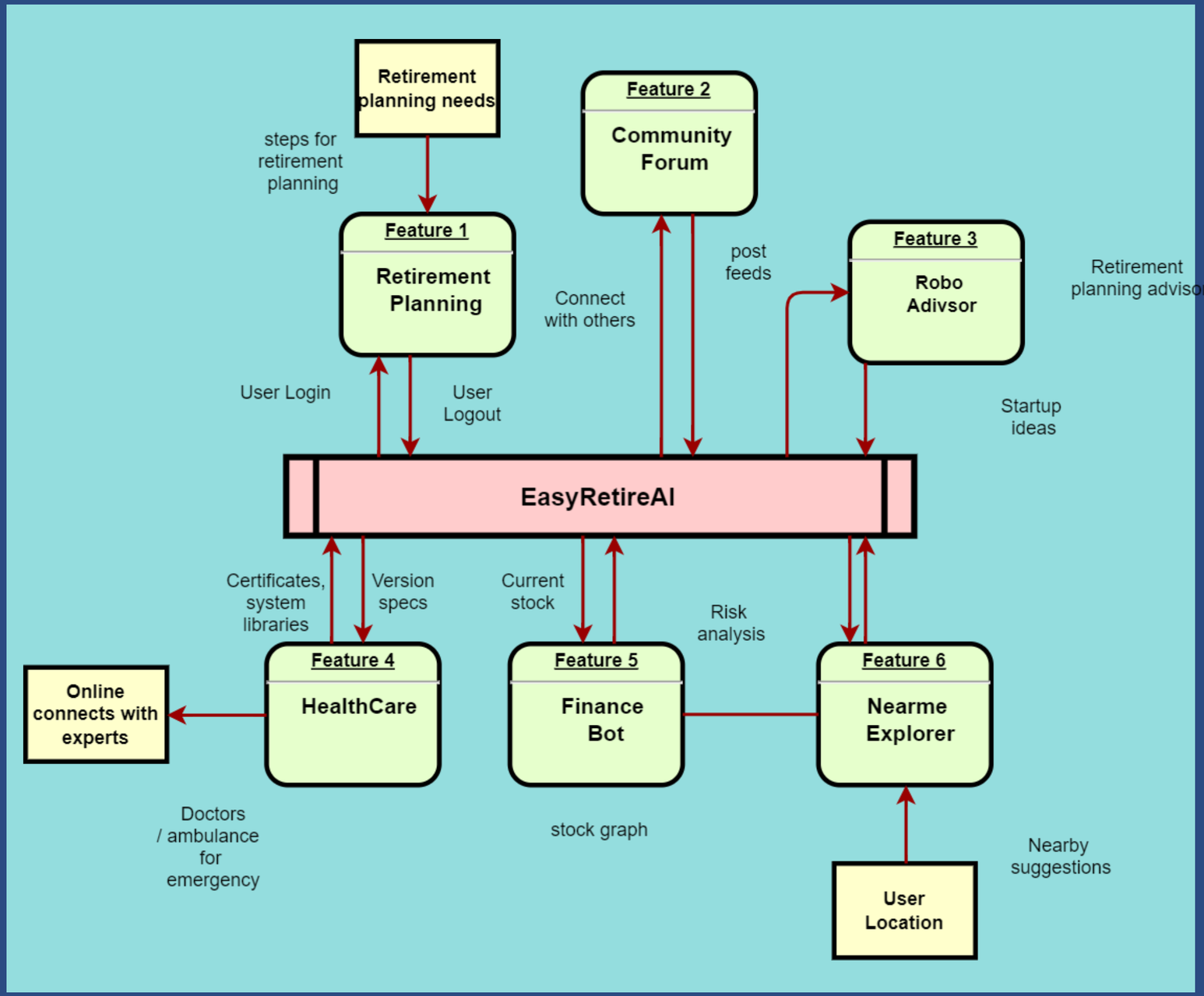
What Can AI Do

for the Retirement Plan Industry

1. Virtual Assistants & Chatbots
2. Enhanced Personalization
3. Efficiency & Automation
4. HealthCare Optimization
5. Predictive Insights

EasyRetire User Journey Dataflow Diagram

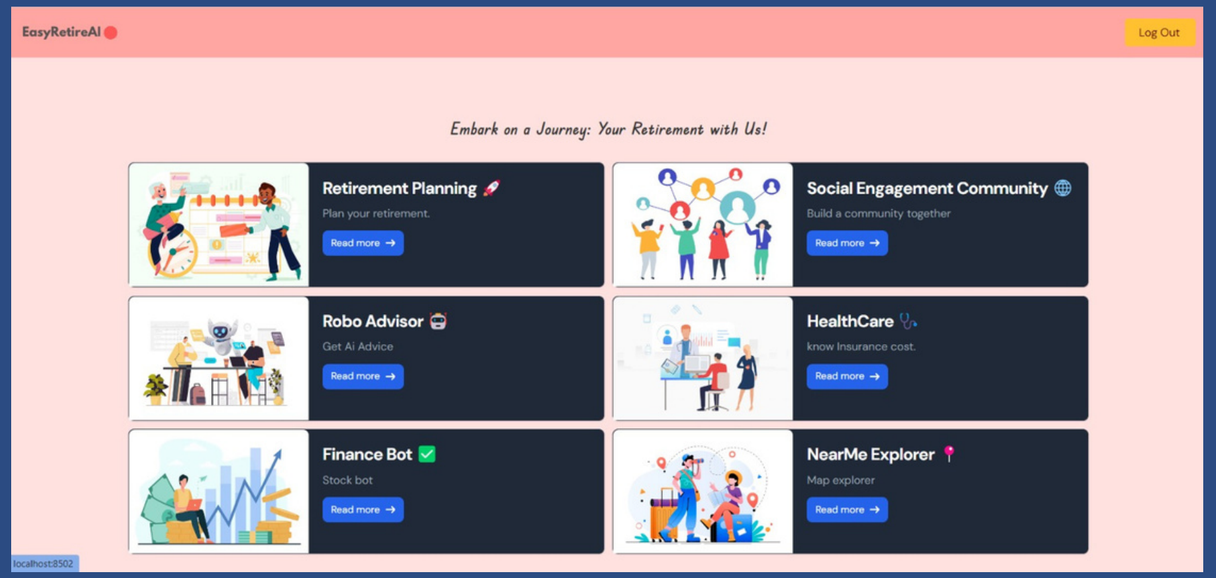
- KEY FEATURES
- RETIREMENT PLANNING
- COMMUNITY FORUM
- ROBO ADVISOR
- HEALTHCARE
- FINANCE BOT
- NEARME EXPLORER

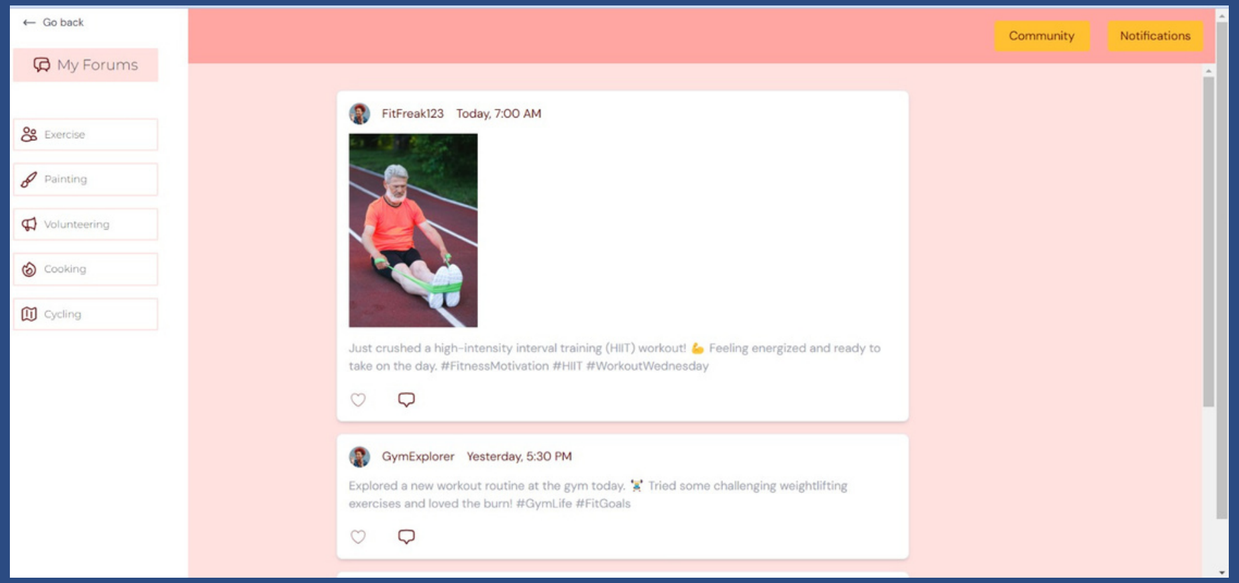


The Feature of the Perfect Retirement

1 RETIREMENT PLANNING

- Explore retirement planning on our site—a concise guide to securing your future.
- Learn the 'why,' 'how,' and 'where,' emphasizing advantages, importance, investments, and key tips for a prosperous post-retirement life.





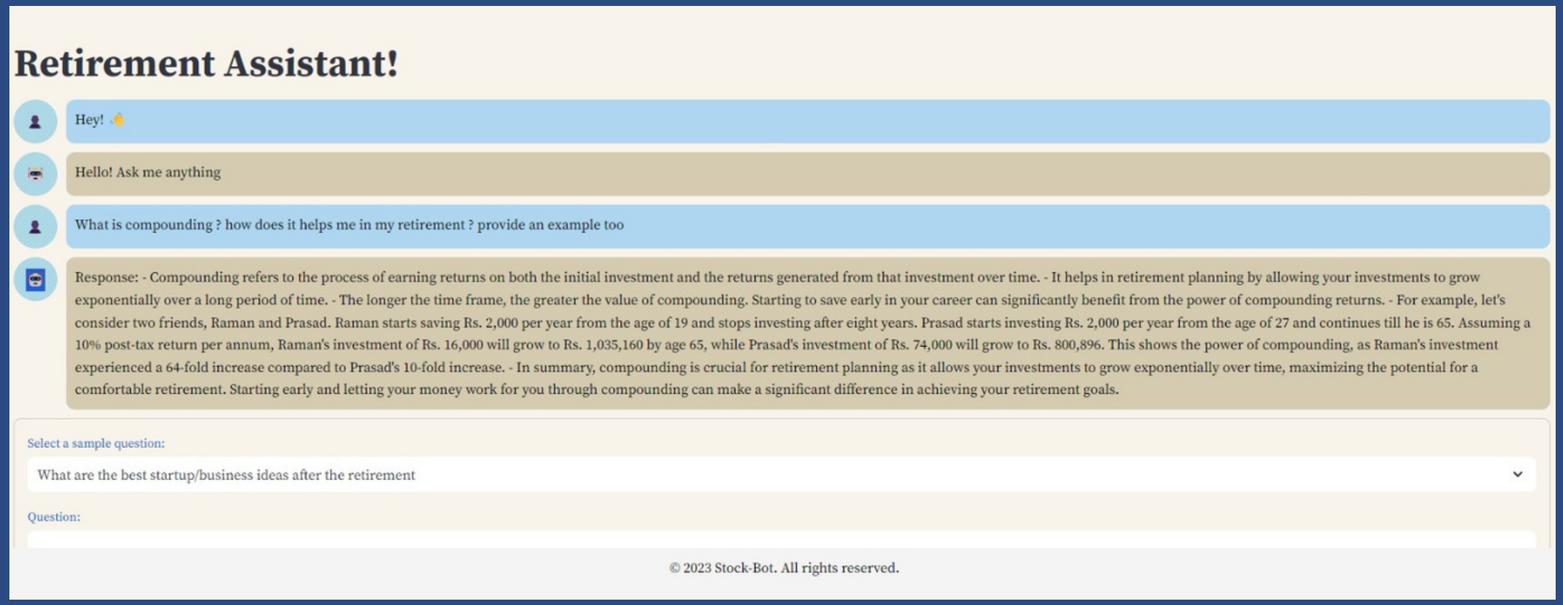
2 SOCIAL ENGAGEMENT COMMUNITY

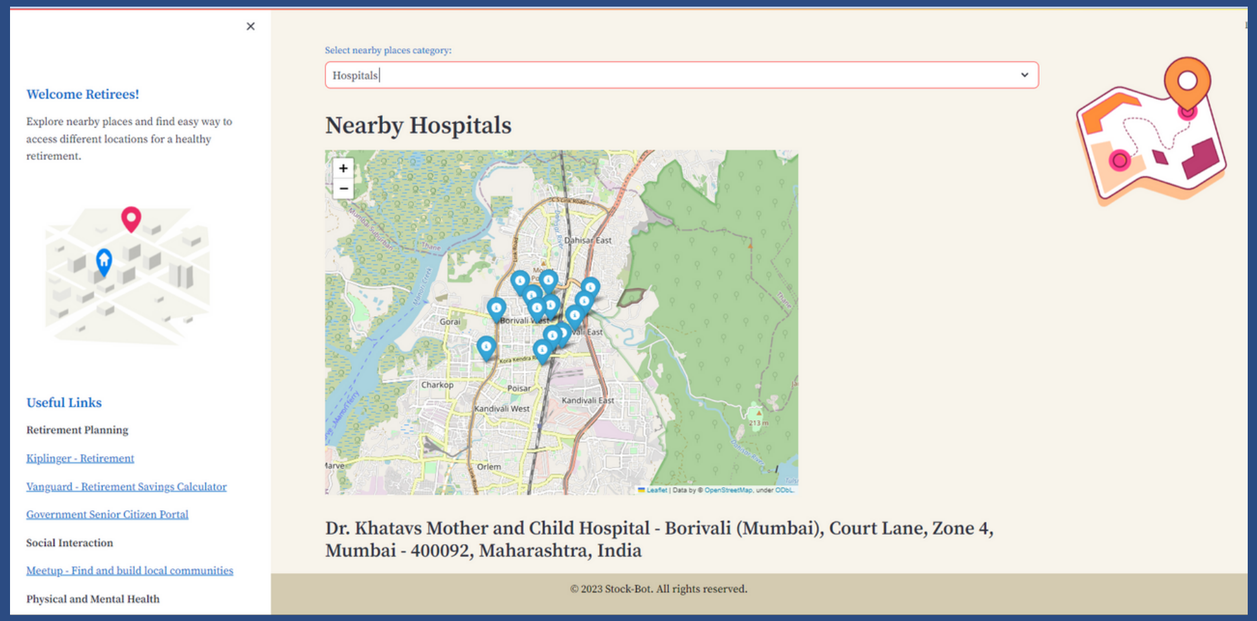
- Vibrant Community Hub:
  Visit and share various experiences on our social platform. Let the Retirees get Inspired by you!!
- Interactive Forums and Events:
  Join discussions and events for a supportive retirement network.

The Feature of the Perfect Retirement

3 ROBO ADVISOR

- Experience versatility with our Generalized Robo Chatbot—A Multifaceted virtual assistant offering support on startup ideas for Retirees, assistance about Health Care, and ensuring comprehensive Retirement guidance at your fingertips.





4 NEAR-ME EXPLORER

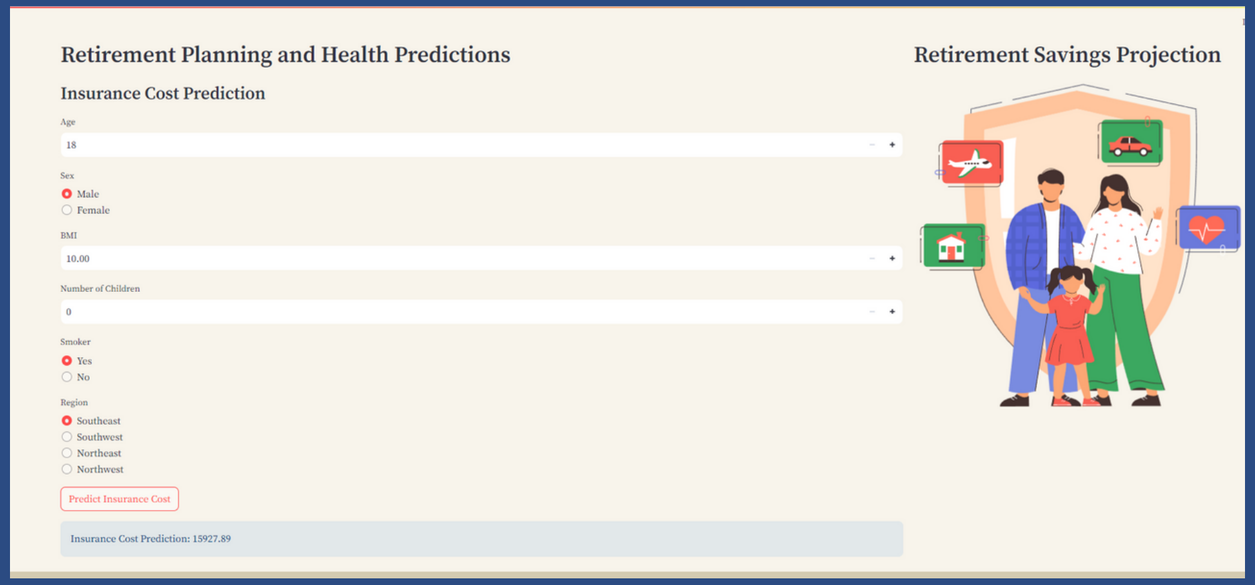
- Navigate your surroundings effortlessly with our Near-Me Explorer.

- Providing locations Of Essential Places for a seamless retirement experience in just 2 clicks

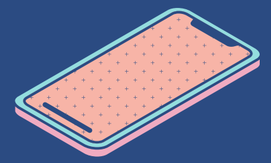
The feature of the Perfect Retirement

5 FINANCE BOT

- Enhance your investment strategy with our Stock Chatbot . Explore Various Stock insights at one Place.
- A virtual advisor delivering personalized stock advice and insights, Categorizing Companies based on their risks .optimizing your financial decisions for a secure and informed journey in the stock market.



6 HEALTHCARE



- Empower your retirement decisions with our healthcare section.
- Featuring predictors for life expectancy and insurance cost predictors for a secure future.

BUSINESS PROTOTYPE

Offer premium features

Subscription Model

Earning commissions through collaborations with financial, healthcare, and local businesses.

Affiliate Partnerships

Generate revenue through targeted advertising

Ad Revenue

Provide personalized consulting for financial and healthcare planning

Premium Services

Aggregate and anonymize user data for valuable business insights.

Data Insights

Partner with insurance companies, earning referral fees

Insurance Partnerships

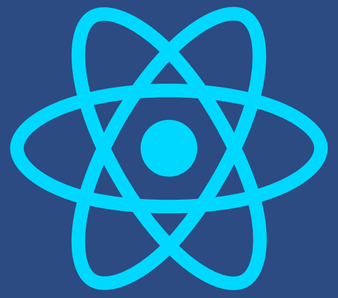
Tech Stack

- **React.js (Web Frontend) + Type Script:** React.js ensures a highly responsive user interface, facilitating real-time content recommendations and engagement features

- **StreamLit:** Streamlit is a popular Python library that is commonly used for creating web applications with minimal effort, particularly in the context of data science and machine learning.

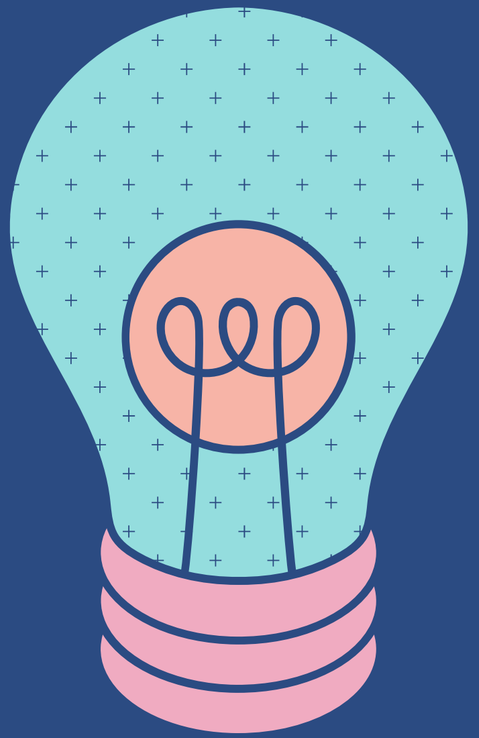
- **LangCHAIN:** LangChain offers seamless integration of blockchain technology with natural language processing, enabling secure and transparent interactions in a linguistically intuitive manner.

- **Skicit-learn & LLM :** Scikit-learn provides a versatile machine learning toolkit for traditional models, while transformers like LLM (Large Language Models) such as GPT-3 offer state-of-the-art natural language understanding.



Future Scope

- Expanded Advisory Services: Robo advisor to cover investments, insurance, and tax planning.
- Expert Q&A Sessions: Host webinars for in-depth financial advice and user queries.
- On-the-Go Financial Planning: Create a mobile app for seamless access to financial tools anytime, anywhere.
- Personalized Strategies: Use advanced algorithms for tailored retirement plans based on individual profiles.



Conclusion

01 EasyRetire.AI AI-driven website stands as a beacon for the betterment of retirees' lives.

02 By harnessing the power of artificial intelligence, we've created a comprehensive platform tailored to enhance retirement planning, healthcare accessibility, and community engagement.

03 Through predictive models, personalized financial guidance, and easy access to essential services, our solution is dedicated to fostering financial security and well-being for retirees.

- GitHub Repository : https://github.com/Meet3456/TIAA
- Walk Through Our Demontration : https://drive.google.com/drive/folders/1hrUWndBsPBDGrxr9bv6drd4m-u7waUiP?usp=sharing