



Maharashtra Education Society's
Institute of Management and Career Courses (IMCC), Pune



Presents



Where Ideas Become Reality

Team Name: THE CHAOS PROTOCOL

Team Lead Name: PRANJAL SURYAWANSI

Selected Domain : FINTECH



Problem Statement

26007 - Digital Arrest Prevention for Senior Citizens

❖ Clearly define the core problem

- “Digital Arrest” scams involve fraudsters impersonating police or government officials to threaten senior citizens.
- Victims are pressured through video calls and fear tactics to transfer money urgently.
- The scam exploits panic, lack of digital awareness, and trust in authority.

❖ Who is affected & why existing solutions are inadequate

- Senior citizens (60+) are the primary targets due to low digital literacy.
- Most awareness campaigns are complex or social-media based, which seniors rarely access.
- There is no simple, emotionally supportive, senior-focused prevention platform.

❖ Impact:

- Loss of life savings
- Emotional trauma & mental stress
- Increase in cybercrime cases in India

IDEA TITLE



❖ Proposed Solution

- Rakshak 1930 is a senior-friendly cyber safety awareness website.
- It explains Digital Arrest scams in simple language with step-by-step guidance.
- Emergency helpline information and prevention steps are clearly highlighted.

❖ How it addresses the problem

- Educates seniors before they become victims.
- Provides calm instructions to avoid panic-based decisions.
- Encourages verification and reporting through official channels.

❖ Innovation & uniqueness

- Designed specifically for senior citizens with large fonts and simple UI.
- Combines emotional reassurance with technical awareness.
- Structured like an emergency response guide for quick action.

TECHNICAL APPROACH



- Rakshak 1930 is built using **HTML, CSS, and JavaScript** for a responsive and senior-friendly interface with **large fonts, high-contrast design, and smooth animations**. The backend is developed using **Java (Servlet/Spring Boot)** to securely handle scam reports and emergency contact data. MySQL is used for structured data storage. The system follows a modular and lightweight architecture to ensure fast performance, accessibility, and future scalability.

FEASIBILITY AND VIABILITY



❖ Feasibility analysis

- Built using basic, low-cost web technologies.
- Easy to deploy and maintain.
- Scalable across India with minimal resources.

❖ Challenges & risks

- Limited digital literacy among rural seniors.
- Rapid evolution of cyber fraud techniques.
- Awareness reach may initially be limited.

❖ Strategies to overcome challenges

- Conduct awareness drives in communities and colleges.
- Add multilingual support in future updates.
- Regularly update scam alerts and prevention content.

IMPACT AND BENEFITS



❖ Potential impact

- Reduces financial fraud among senior citizens.
- Increases confidence in handling suspicious calls.
- Promotes cyber awareness within families.

❖ Benefits (Social & Economic)

- Prevents loss of lifetime savings.
- Reduces emotional and psychological trauma.
- Supports national cyber safety initiatives.

Impact Breakdown Table

Impact Area	Expected Outcome	Long-Term Benefit
Social Impact	Increased cyber awareness	Safer senior community
Economic Impact	Reduced financial fraud	Protection of lifetime savings
Emotional Impact	Reduced panic & stress	Improved mental well-being
National Impact	Supports cybercrime reporting	Strengthens digital India initiative



TESTING & VALIDATION

❖ **User testing & debugging**

- Tested website on multiple devices and screen sizes.
- Collected feedback for readability and clarity improvements.
- Fixed navigation and loading issues.

❖ **Feasibility & risk management**

- Practical and immediately deployable solution.
- Easy future feature integration.
- Continuous updates planned for scam awareness.

RESEARCH AND REFERENCES



❖ Research sources

- Official Cyber Crime Helpline (1930) awareness resources.
- Government cyber crime reports and statistics.
- Real Digital Arrest scam case studies in India.