

# Business requirements document

Project name:	E-Insurance Application
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## 1. Executive summary

The E-Insurance Application is a digital platform designed to streamline the process of purchasing, managing, and claiming insurance policies. With the growing demand for digital insurance services, this system will provide users with a seamless, end-to-end experience from policy selection to claim settlement. It also empowers administrators with tools to manage users and monitor system activities efficiently.

## 2. Project objectives

- To develop a web and mobile-compatible insurance platform.
- To allow users to register, purchase, and manage insurance policies digitally.
- To enable users to make payments and raise claims online.
- To provide admins with capabilities to manage users and policies.
- To ensure data integrity, compliance, and security with regulatory standards.
- To integrate with third-party payment gateways and regulatory compliance APIs.

## 3. Project scope

- User and admin registration & login.
- Policy management (view, purchase, premium payment).
- Online claim submission and tracking.
- Payment processing via gateway API.
- Backend services with Spring Boot/.NET and frontend in React/Angular.
- Database for users, policies, and claims.
- Compliance checks through external APIs.

4.Business requirements	
BR ID	Requirement
BR-01	The system shall allow users to register, login, and manage their profile
BR-02	Users shall be able to browse, compare, and purchase insurance policies.
BR-03	Users shall be able to make payments using an integrated payment gateway.
BR-04	Users shall be able to view and download receipts for payments made.
BR-05	Users shall be able to raise and track claims for their purchased policies.

5.Key stakeholders		
Name	Job role	Duties
Insurance Company Leadership	Project Sponsor	Funding and strategic oversight
Business Analyst	Product Owner	Requirement gathering, stakeholder alignment
Frontend & Backend Developers	Development Team	Implementation of UI and APIs
Test Engineers	QA Team	Testing functionality, performance, and security
Insurance Staff	Admin Users	Managing users and overseeing policy operations

6. Project constraints	Description
Budget	Limited by initial funding phase.
Timeline	Must be delivered in 12 weeks.
Technology	Must use Spring Boot/.NET, React/Angular, and MySQL/PostgreSQL.
Regulatory Compliance	Must comply with insurance industry standards (e.g., IRDAI, GDPR).
Integration	Must support 3rd party payment and regulatory APIs.
Security	End-to-end encryption, role-based access control, and secure data storage.

7.Cost-benefit analysis	Benefit
Development Cost ₹12,00,000 (approx)	End-to-end online insurance services, reducing manual processes.
Infrastructure & Hosting ₹1,50,000 annually	Scalable cloud-based infrastructure.
API Integration ₹50,000	Seamless and fast transactions and compliance checks.
Total Cost : ₹14,00,000 (Year 1)	