

Software Engineering Internship Submission - Simplify Money

Solution Details:

- Implemented a Java Spring Boot backend for Insurance Policy management.
- Developed REST APIs to manage insurance policies, including downloading policies as PDFs.
- Used Spring Data JPA for database management and H2 as the in-memory database.

Deployment Notes:

1. Clone the repository using: `git clone https://github.com/MeenaChandrasekar/Java-Backend-LLM`
2. Navigate to the project directory: `cd Java-Backend-LLM--Simplify-Money_MEENA-C`
3. Build and run the application using Maven:

```
mvn clean install
```



```
mvn spring-boot:run
```
4. Access APIs at `http://localhost:8080/api/insurances`

Challenges Faced and Solutions:

- **Git Push Error:** Faced a remote branch conflict during the initial push.
Solution: Resolved using `'git pull origin main --allow-unrelated-histories'`, merged changes, and pushed.
- **API PDF Generation:** Encountered issues with generating and downloading PDF files.
Solution: Implemented proper content disposition headers and ensured correct file path referencing.

AI Usage:

- Utilized AI tools for code optimization, debugging assistance, and efficient problem-solving.
- Applied AI-generated suggestions for error resolution and API design improvements.
- Ensured decisions were made using technical understanding and logical reasoning, not solely relying on AI.