Basic Details of the Team and Problem Statement

SMART INDIA HACKATHON 2023

Ministry/Organization Name/Student Innovation: Ministry of Law and Justice

PS Code: SIH1286
Problem Statement Title: Incentives based Design for onboarding Legal Service Providers such as Advocates, Arbitrators, Mediators, Notaries, Document Writers, etc on eMarket Place for extending Legal Services to Citizens in India

Team Name: Life Compilers

Team Leader Name: Ayush Chugh

Institute Code (AISHE): S-15014

Institute Name: Chandigarh College of Engineering and Technology (Diploma wing)

Theme Name: Miscellaneous

Idea/Approach Details

Describe your idea/Solution/Prototype here:
i. This project uses a "bid-based" business model.
ii. The user can post their issue or problem on the platform and set a specific maximum budget.
iii. Service providers can bid on client issues, but bids must be under a user-set budget.
iv. Both Client and Service Providers will have to agree and sign a **Service Legal Agreement (SLA)** digitally before starting the work together
v. A chat system will be provided so that the Client and Service Provider can communicate easily and securely.
vi. All legal documents will be securely stored within the platform for easy access and record-keeping
vii. The client will be able to rate and provide feedback to the service provider upon issue/problem resolution.
viii. The clients' ratings will be displayed as a '**Pie Chart**' and '**Line graph**' on the service provider's profile.

Describe your Technology stack here

HTML/CSS, JavaScript, ReactJS, TypeScript, NodeJS, NestJS, Prisma, MongoDB, Firebase, Git/Github

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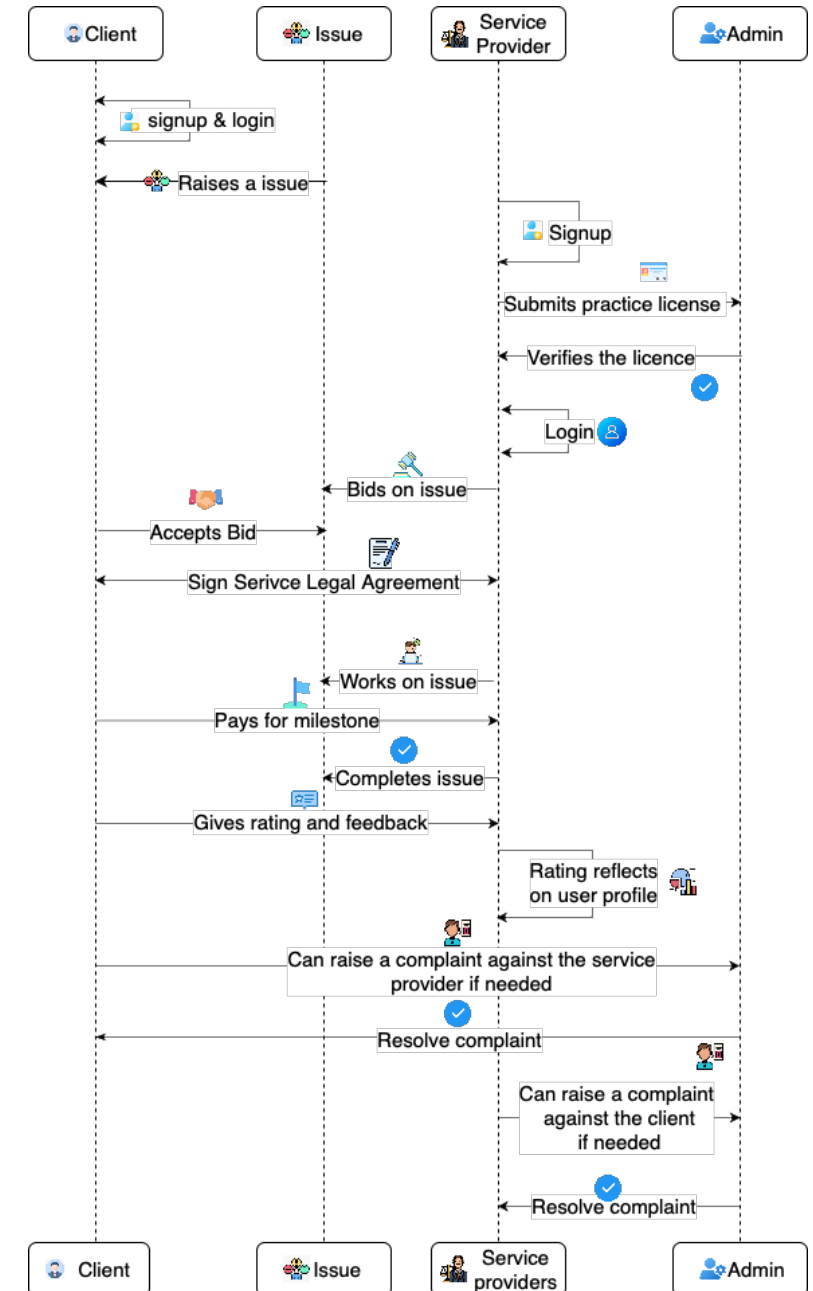
Idea/Approach Details

Use case

i. Login/Register for Clients.
ii. Login/Register for Service Provider.
iii. Verification of license by admin.
iv. The client raises a new issue.
v. Service provider's bids on the issue raised by clients.
vi. The client accepts the bid.
vii. Both parties sign a Service Legal Agreement (SLA).
viii. The client provides all necessary information through our website **Smart Legal Services.**
ix. The service provider works on the issue.
x. The service provider completes the milestone.
xi. The client pays for the milestone completed by the service provider.
xii. The service provider completes the issue.
xiii. The client provides a rating and feedback for the service provided by the service provider which will be reflected on their profiles.
xiv. The rating on the profile of the service provider is a reflection of their service quality.
xv. Either the service provider or client has the option to initiate a complaint, which will be addressed and resolved by the designated administrator

Dependencies / Show stopper

- Firebase: If Firebase storage experiences an outage, we won't be able to upload or retrieve any static files (images).

- Ant.Design: If Ant.design releases any version with breaking changes that it can effect the UI of the project

Team Member Details

Team Leader Name: Ayush Chugh

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Member 1 Name: Aditya Pant

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Member 2 Name: Himanshu Sharma

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Member 3 Name: Satyam

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Member 4 Name: Parinoor

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Member 5 Name: Kirti

Branch (Btech/Mtech/PhD etc): Diploma   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): II

Team Mentor 1 Name: Sh. Santosh Kumar Yadav

Category (Academic/Industry): Academic   Expertise: Data science, Cloud computing   Domain Experience (in years): 14

Team Mentor 2 Name: Sh. Harinder Singh

Category (Academic/Industry): Industry   Expertise (AI/ML/Blockchain etc):   Domain Experience (in years): 10