**CERTIFICATE**

Certified that **Anmol Goyal 2200290140033** has/ have carried out the project work having “**Expense Sharing App**” for **Master of Computer Application** from Dr. A.P.J. Abdul Kalam Technical University (AKTU**)** (formerly UPTU), Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself/herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

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**EXPENSE SHARING APP**

**ANMOL GOYAL**

**ABSTRACT**

In our fast-paced world, efficient personal finance management is challenging. We introduce an innovative expense-sharing web-based app powered by voice recognition and GPS tracking, revolutionizing expense monitoring in defined geographic regions. This app transforms how individuals manage expenses within specific locations.

The core functionality of our web-based app is twofold. First, it utilizes cutting-edge voice recognition capabilities to allow users to effortlessly input expenses by simply speaking them. This hands-free approach enhances user convenience, reduces manual entry errors, and expedites expense tracking.

Second, our employs GPS technology to track users’ geographical locations in real- time. It automatically calculates their expenses within predefined areas. If a user’s expenses exceed a preset limit within a particular zone, the app triggers an alert, notifying the user of the limit breach. This feature acts as a safeguard against overspreading and encourages responsible financial behavior.

Conversely, if the user’s expenses fall below the allocated limit, the app suggest budget allocations for unmet needs, ensuring financial goals.

Our app amalgamates cutting-edge technology with personal finance management, empowering users to effortlessly track and control their expenses while reinforcing responsible spending habits. By integrating voice recognition and GPS tracking, we aim to simplify expense management, enhance awareness, and promote financial well-being for users across the globe.

Keywords: Cost-sharing, Shared wallets, Bill splitting, Shared finances, IOU tracking

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**ANMOL GOYAL**

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