**Author**

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Hi, I am Shaurya Kishore Panwar, a second-year engineering student at Delhi Technological University. I like Machine Learning and Data Science. I enjoy doing painting and playing piano. I hope you will like my project.

**Description**

My understanding of the problem statement was that the app in itself is straightforward. We need to create a database to log user’s tasks in multiple trackers, The trackers can themselves can be of multiple types. In short, we had to implement an app that allows users to register/login and create Trackers of various types, and within Trackers, create logs and track the progress, i.e., **there will be multiple users, one user might have multiple Tracker and one tracker have numerous Logs.**

**Technologies used**

These are the technologies/dependencies that I have used:

● **flask** - for main flask app

● **flask\_restful** - for REST API implementation

● **flask\_login** - for user session management

● **flask\_sqlalchemy** - add support to image upload, code syntax highlighting and more

● **werkzeug** - for generating password hash and checking password

● **flask\_wtf ,wtforms, wtforms.validators** - for making forms and their validation

● **json** - for returning json response from APIs

● **sqlalchemy** - Object Relational Mapper in python for SQL

**DB Schema Design**

**# todo**

**Things Left to do...**

**Writing Code for adding, editing, deleting and Plotting Logs.**

**Writting API code for the project**