Problem Statement:

- Build an API that fetches the number of Covid-19 cases in each state and in India and persist it in MongoDB.
- Using this data, build an API that takes the user's GPS coordinates as input and returns the total number of Covid-19 cases in the user's state and in India(assume India specific coordinates only) and the last update time of data.
- [Bonus Task] Deploy the app to Heroku using the Add-ons for the DBs used.
- [Bonus Task] Add a redis caching layer which caches data for 30 mins.

Specifications:

- Language: Golang
- Web Framework: Echo
- Databases: Mongo and Redis(optional)
- Set Up Swagger Docs for the APIs
- Integrate go modules for dependency management.
- Organize the code into separate packages using any project layout pattern.
- Use any of the publicly available APIs for fetching Covid-19 data and reverse geocoding.

Deliverables:

- Access to repository, eg. link to github
- Heroku link [optional]

Note: You're expected to learn and implement things you are not familiar with, so do not hesitate to google a lot. Bonus point tasks are not compulsory for submission, submit as much as you are able to complete within the given timeframe. Also, please feel free to reach out if you need any clarifications related to the problem statement.