**Project-phase0:** In every software project studying project requirements and performing project planning is one of the essential steps. In this step of the project you are expected to analyze the project requirement and perform the followings:

* identify main tasks: Based on the given step sin the project, you need to define your own version of tasks and plan how are you going to complete them. Here are some examples:
  + Creating the requested routes
  + Creating the requested Template Engines/UIs / Forms
  + Add security features.
    - API-Key
    - JWT
    - Session, Cookie,. env, bcrypt
    - https
  + Deployment to Heroku
  + Additional functionality (bonus)
* Plan the milestone and deliverables of each phase of the project
  + You need to plan what you are going to submit today (phase0), before next class (phase1), and final submission (phase2)
* Plan how you are going to split the work between group members (who is doing what) Here is a template that you may use:

**Project work Splitting**

|  |  |  |  |
| --- | --- | --- | --- |
| Person | Step | Details | Expected Completion Date |
| Chandrika | 1 | Loading dataset and setting up the connection | Phase 0 |
| Saurab | 1 | Setting up GITHUB and folder structure | Phase 0 |
| Chandrika | 2 | Setting up routes of the application and displaying it on the screen/ will work on GET routes | Phase 1 |
| Saurab | 2 | Setting up routes of the application and displaying it on the screen/– will work on PUT and DELETE routes | Phase 1 |
| Chandrika | 3 | Handling the UI and setting up template engine, doing the necessary validation before the final step and finishing the application for deployment | Phase 2 |
| Saurab | 3 | Handling the Security, implementing the authentication and authorization, setting up all the env variables for production and testing/debugging the application and deploying the finished project on Heroku. | Phase 2 |

Routes in the application:

GET /movies: Retrieve a list of all movies.

GET /movies/:id: Retrieve a specific movie by its ID.

POST /movies: Create a new movie.

PUT /movies/:id: Update a specific movie by its ID.

DELETE /movies/:id: Delete a specific movie by its ID.

Chandrika – will work on GET routes

Saurab – will work on PUT and DELETE routes

To create a new movie and save it to the database both will work on that and do the necessary validations required.

**Yes, we have access to atlas dataset.**

We have a project folder,

git repo: <https://github.com/saurab-prasher/express-assignment5>