TimeSheet Management Documentation
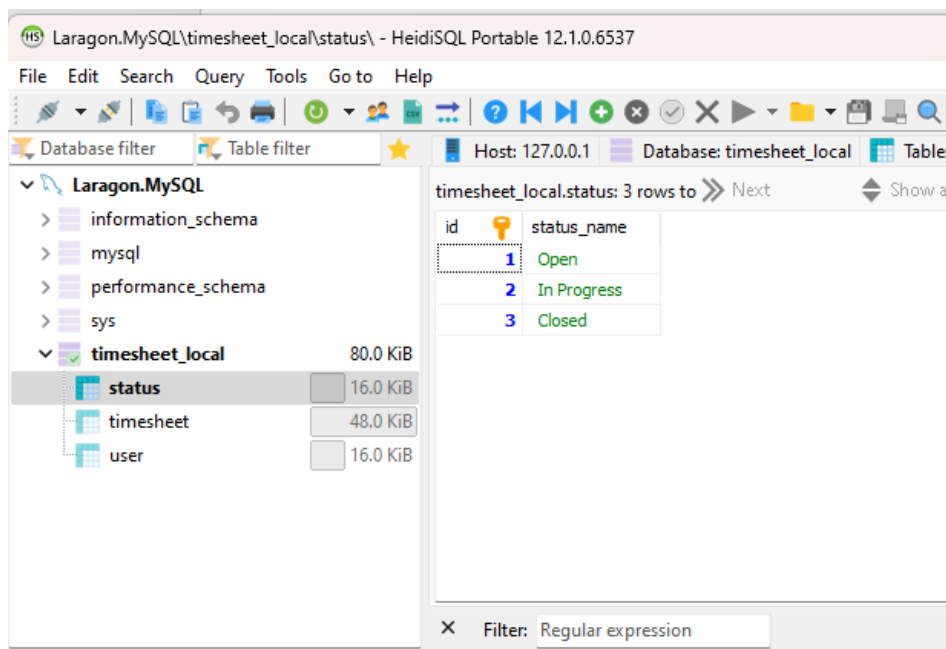
Developer Guide-line

Overview

Developers can create, alter, and remove timesheets using this proprietary software, which was created for interviewer assessment purposes. Developers use TimeSheet Management to show the project, time, requirements, task, code, and test to update the task list.
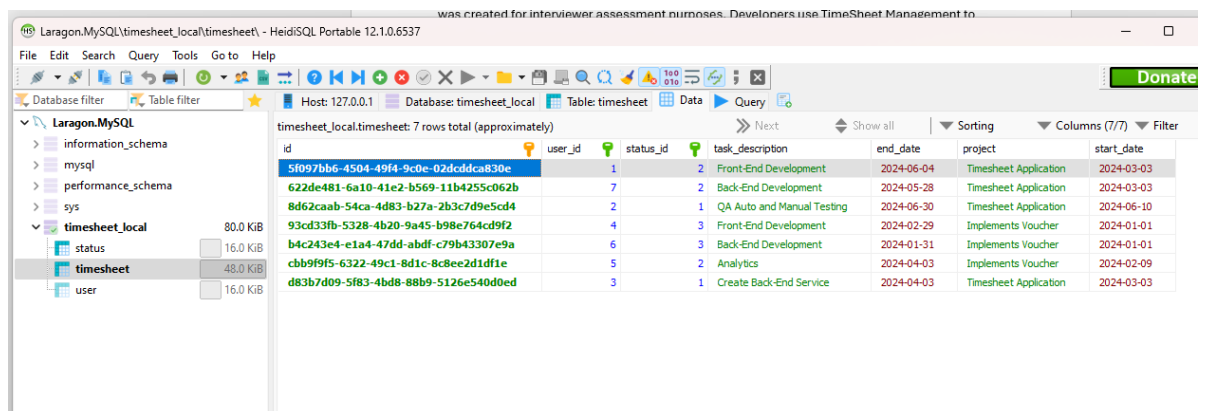
Database

This project involved the mySQL database. Database tables will contain status, timesheet, user, and a foreign key to connect three tables.
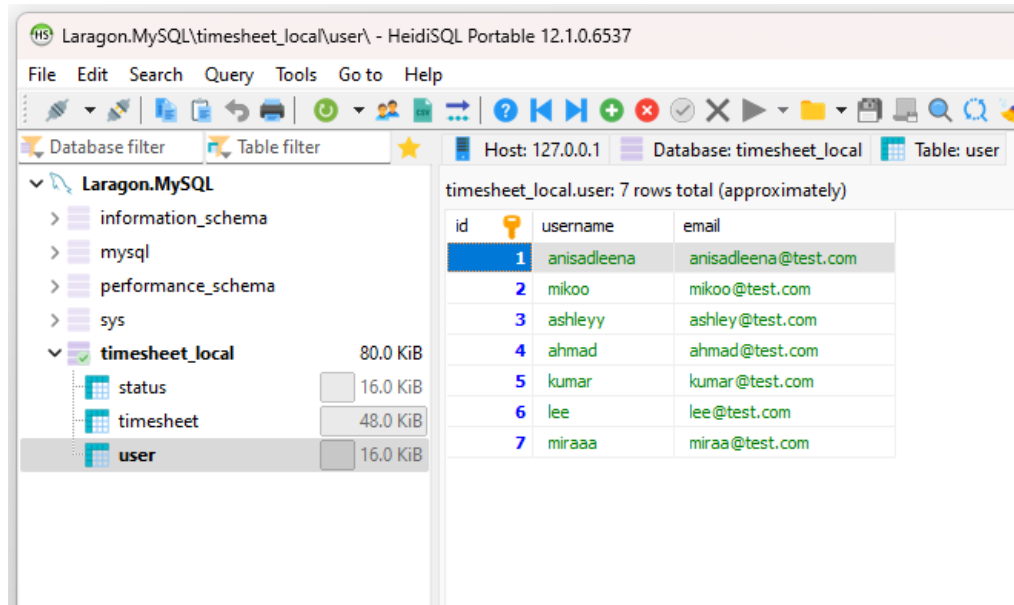
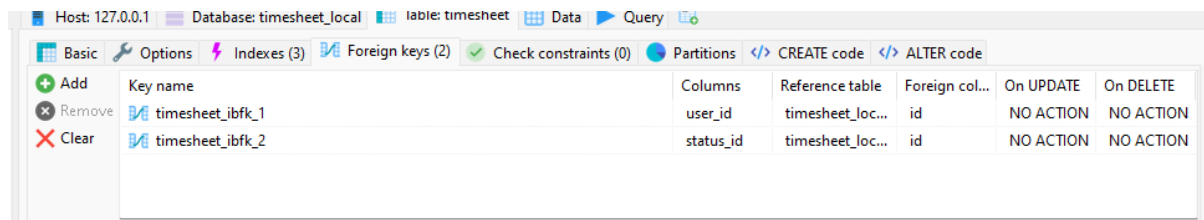   1. Table status:

    2. Table timesheet:

3. Table user:

4. Foreign key:
A foreign key is a column or group of columns in a relational database table that provides a link between data in two tables.
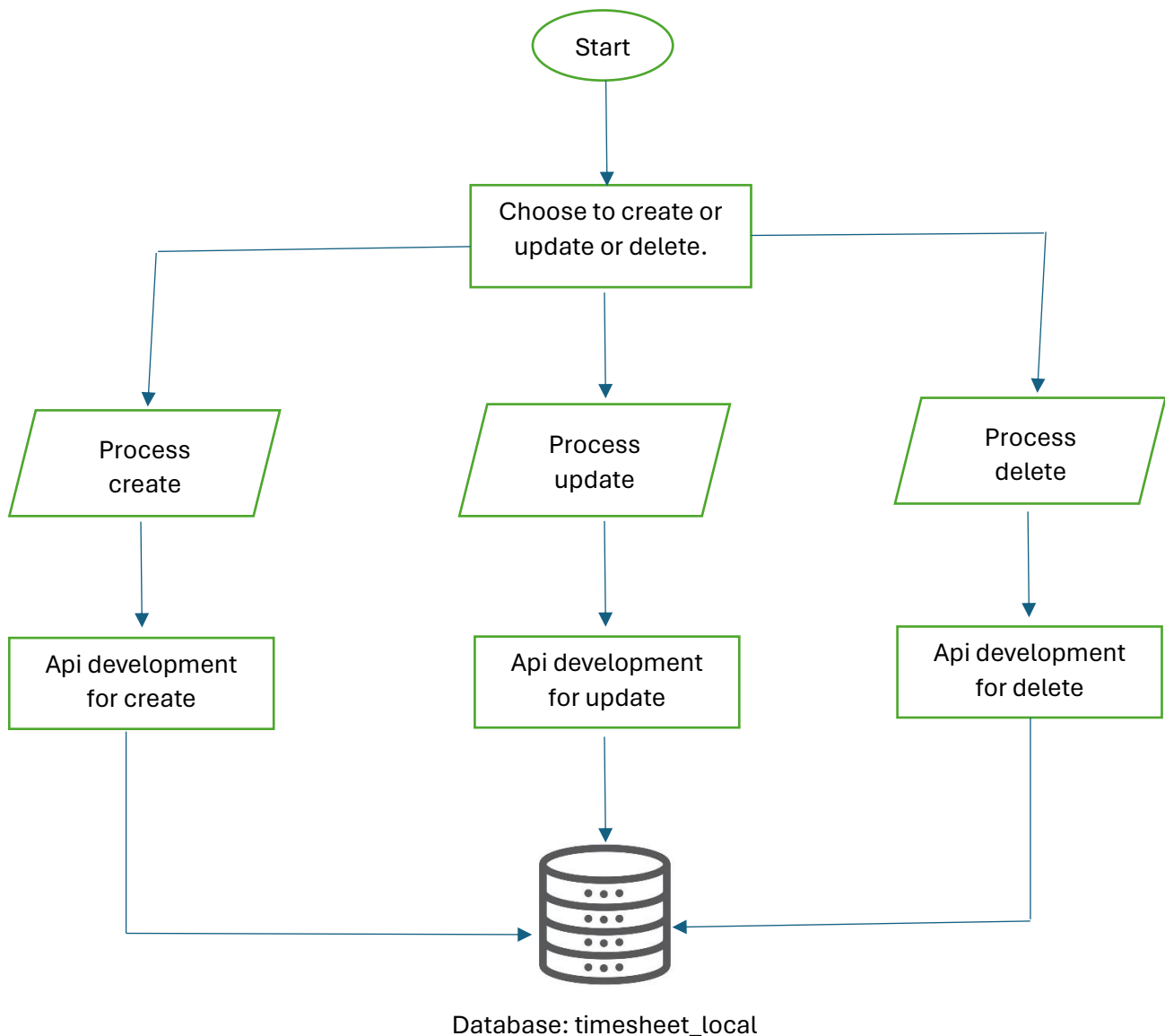- Tables timesheet (column: statusId) foreign key with table status (column: id)
- Tables timesheet (column: userId) foreign key with table user (column: id)

Backend Endpoints

Controller	Endpoint	Description
TimeSheetController	**GET –** api/v1/timesheet/get/All	To get full timesheet list from timesheet_local database.
	GET – api/v1/timesheet/get/{Id}	(optional) - just incase want to call by id
	POST – api/v1/timesheet/get/create	To post new timesheet that created by developer (from Front-End).
	DELETE – api/v1/timesheet/delete/{Id}	To delete timesheet from database.
	PUT – api/v1/timesheet/ /update/{Id}	To update the existing timesheet from database
StatusController	**GET –** api/v1/status/get/All	To get full status list from timesheet_local database.
UserController	**GET –** api/v1/user/get/All	To get full user list from timesheet_local database.

Development Structure (front-end, back-end, database)

Database: timesheet_local

Project Setup

Github Repository:

- go to this link https://github.com/anisadleena/TimeSheet-Dev/tree/main
- at <> Code button , copy url https
- Open command prompt (cmd)
- cd "file path project location to clone the code"
- git clone "url https"
- code . (optional : if want to redirect open the source code inside your IDE.)

Database set-up:

- Install Laragon (to allow developers to run web applications on their local machines)
- Click start all (to run the server)
- Click database (to view or update the existing or new data)