

CEHD Teacher Certification Manager

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INTRODUCTION

The main objective of the project is to create an application to record, maintain and approve the time logs of the students. This is a new application which is being designed to address the requirement of the College of Education and Human Development (CEHD). The students would be filling the time logs for each working day in the application, which would be notified via mail to the cooperating teacher for approval of the student time-logs.

TOOLS USED

- 1. GitHub
- 2. Heroku
- 3. AWS RDS
- 4. Django REST Framework
- 5. SMTP
- 6. CodeClimate
- 7. Behave (Cucumber)

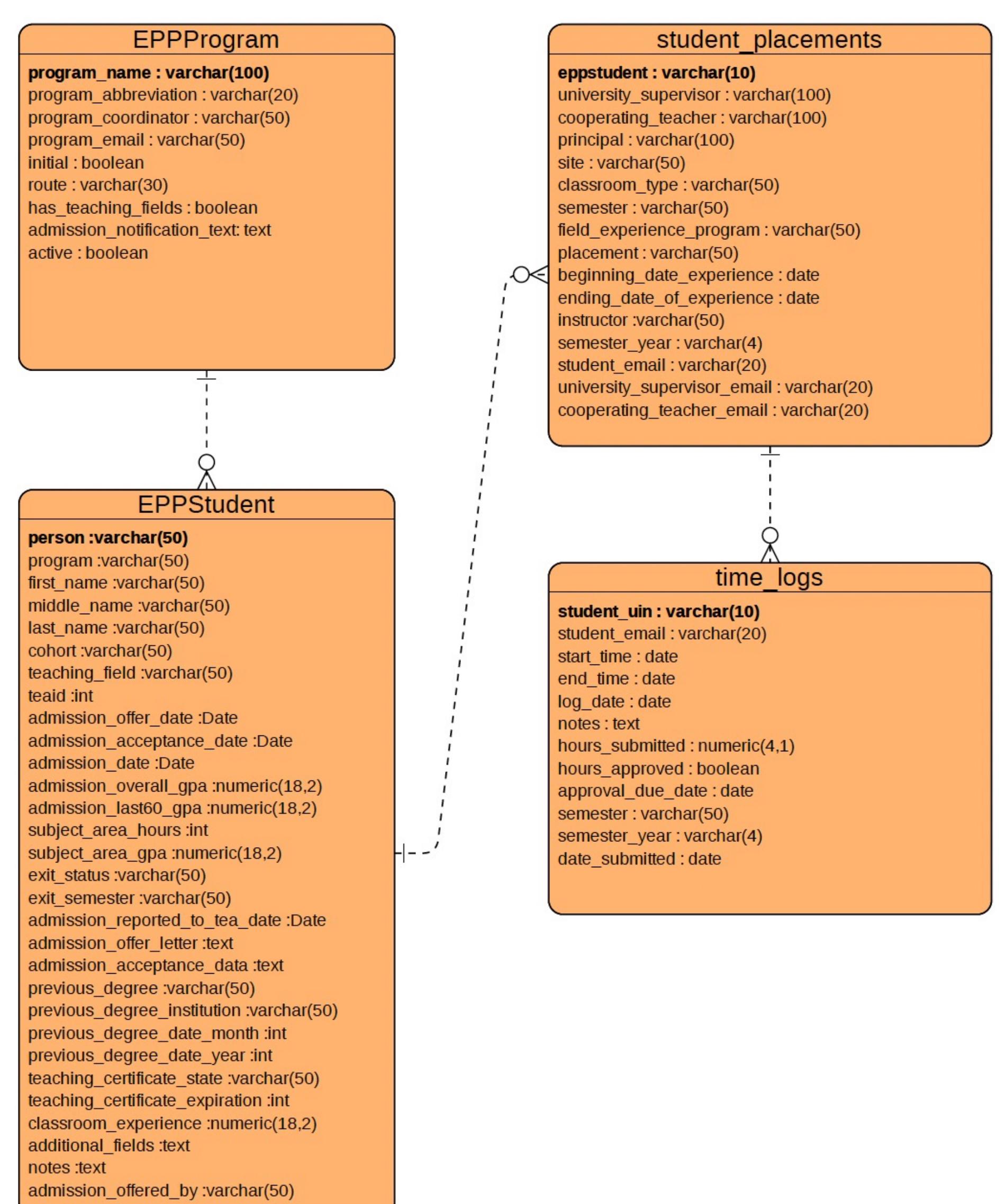
ER- Diagram

Tables already existing in system on which we have dependency :

- EPPProgram
- EPPStudent

Tables created for this application:

- Student_Placements
- Time_Logs



FEATURES

User Authentication

The user can login as a student, co-op teacher or supervisor with their credentials.

The screenshot shows a sign-in form for 'TEXAS A&M UNIVERSITY Education & Human Development'. It includes fields for 'Username' and 'Password', a dropdown for 'Are you a Student, Co-Op Teacher or Supervisor?', and a 'Log In' button.

Submit Timesheet - Student

The user can login as a student, co-op teacher or supervisor with their credentials.

The screenshot shows a 'Submit Timesheets' page for a student named John C Doe. It displays a table of time logs for the week, with columns for Date, Notes/Comments, Start Time, End Time, Total Hours, and Approved. The student can 'Save Timesheet' or 'Submit Timesheet'.

View Submitted Timesheet - Student

The student can view the submitted timesheets and check approval status of the timesheets. The student can check previous submitted timesheets too.

The screenshot shows a 'View Submitted Timesheets' page for the same student. It displays a table of previously submitted timesheets, with columns for Date, Notes/Comments, Start Time, End Time, Total Hours, and Hours Approved. The student can 'View Selected Timesheets' or 'Submit Timesheets'.

View Timesheet - Coop Teacher

The coop teacher can view the current week timesheet that the student has submitted for the approval. The co-op teacher has flexibility to select start-date and end date , semester, semester year and student from the drop-down provided.

The screenshot shows a 'View Timesheets' page for a coop teacher named Michael Moore. It includes filters for Co-Op Teacher Name, Cooperating Teacher Email, Semester, Year, and Student. A table lists submitted timesheets with columns for Date, Notes/Comments, Start Time, End Time, Total Hours, and Approved.

Approve Timesheet - Coop Teacher

The coop teacher can view and approve the current week timesheet that the student has submitted for the approval. The coop teacher has flexibility to select start-date and end date , semester, semester year and student from the drop-down provided.

The screenshot shows a 'Review Timesheets' page for Michael Moore. It includes filters for Supervisor Name, Supervisor Email, Cooper Teacher Name, Cooper Teacher Email, Semester, and Year. A message at the top says 'Timesheets approval of previous week can only be done on or after May 2, 2022'. A table lists timesheets with columns for Date, Notes/Comments, Start Time, End Time, Total Hours, and Approved. Buttons for 'Approve Timesheet' and 'Reject Timesheet' are present.

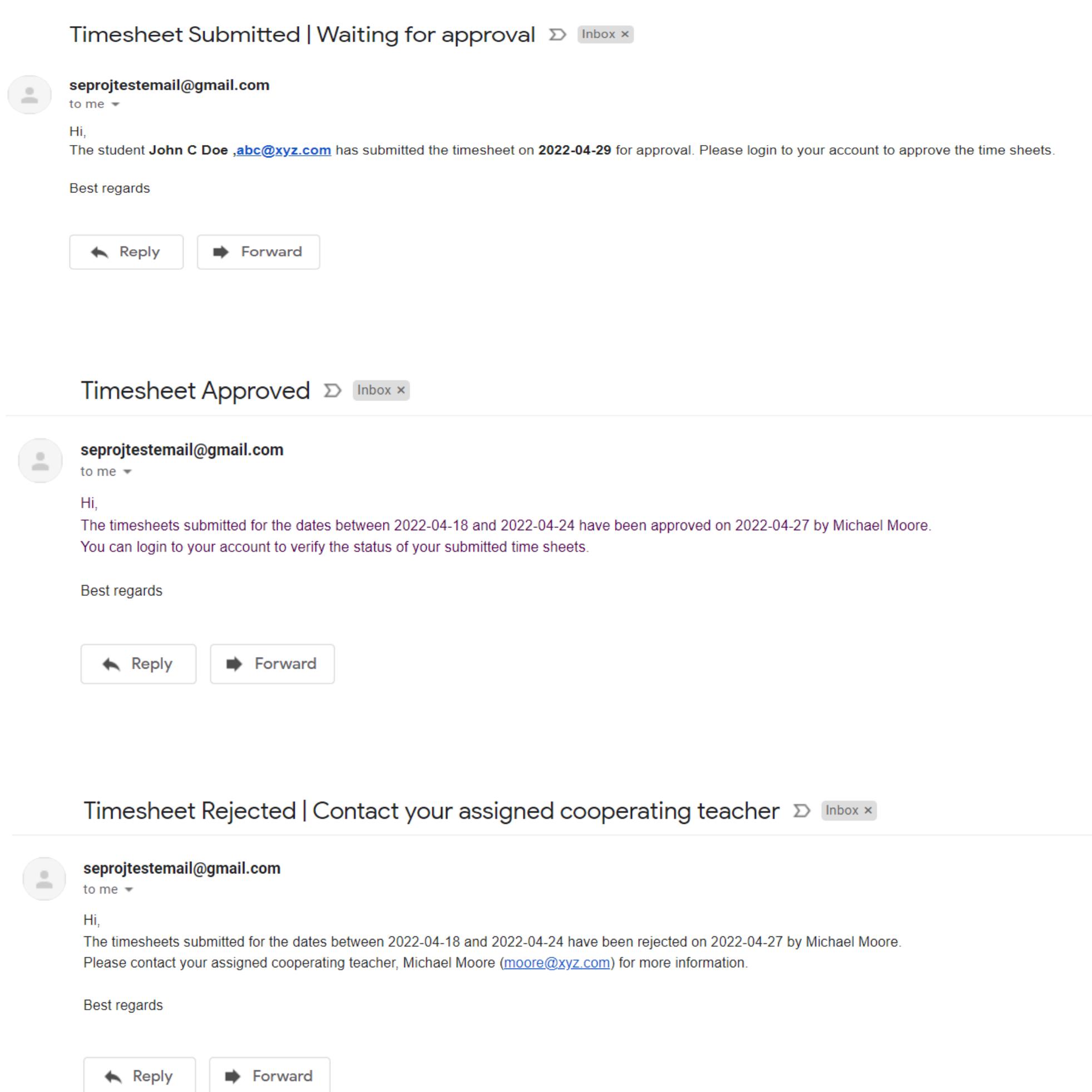
View Timesheets – Supervisor

The supervisor can monitor the progress of the students under the coop teacher throughout the semester. The supervisor can view time logs of all the timesheets submitted by students under all co-op teachers.

The screenshot shows a 'Review Timesheets' page for a supervisor named John Paul. It includes filters for Supervisor Name, Supervisor Email, Cooperating Teachers, Semester, Year, and Start Date/End Date. A table lists timesheets with columns for Date, Student Name, Student Email, Notes/Comments, Start Time, End Time, Total Hours, and Approved.

Email Functionality

Whenever the student submits the timesheet, the co-op teacher is notified via email to approve or reject the timesheet. And whenever the co-op teacher rejects or approves the timesheet, the student is notified via email to make changes and resubmit the updated timesheet if needed.



CONCLUSIONS

- The application would help in digitalizing the manual timesheet logging and approval process of the students.
- All the necessary features of submitting , viewing, updating, rejecting, the timesheets has been implemented in this release of the application.

Important Links :

- Pivotal tracker : <https://www.pivotaltracker.com/n/projects/2555005>
- GitHub Repo : https://github.com/sanjaynayak1628/CEHD_Aggie_Educator_Portal/
- Heroku deployment : <http://arcane-temple-55328.herokuapp.com/>
- Code Coverage : https://codeclimate.com/github/sanjaynayak1628/CEHD_Aggie_Educator_Portal