

Travel Credit Tracker

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Description

This web app tracks an employee's unused air travel credits. At user-designated intervals, the user will receive regular reminders regarding pending air credits. This will aid in the reduction of credits expiring before they are used - helping your company's bottom line.



Features

- Basic CRUD repository
- Users can view all air credits and sort by columns (traveler, airline, expiration date, etc.)
- Timely email reminders about unused credits and their expiration dates



Planning - User Stories

Users input all pertinent credit info and add it to their credits list. They can view all credits and sort by columns: traveler name, airline, date of expiration, etc.

Future user story: Admins can view multiple employees' credits to check whether they are being consumed prior to expiration.



Planning - Database

Database includes:

- User table
- Credits table

Database is organized with a one-to-many relationship (one user can have many credits).



Technology Stack

- Language: Java
- Framework: Spring Boot
- Template engine: Thymeleaf
- Database engine: MySQL via PHPMyAdmin
- Other libraries or components: TBD - will need an API and possibly some libraries



Demo



What I Learned

- That this was harder than I thought!
- Will learn how to create users/sessions in Java
- Will need to learn how to connect an API



What's Next

- Future features AKA #stretchgoals:
 - Users can grant other employees access to their credits
 - Helpful for when assistants or other employees book travel for others
 - Administrator accounts to check credits are being used
 - Allows companies to ensure employees are not wasting money
 - In-browser pop up for when a user visits an airline's website with which a pending credit exists
 - Cuts down even further on the chance of a credit going unused!

