Report Day 5 - LMS Backend Progress

Date: April 17, 2025

# Progress Summary

Today significant progress was made on the backend of the LMS project. The following tasks were successfully completed:  
  
1. Initial database migration commands were run using `makemigrations` and `migrate`, creating tables for the 'accounts' app and core Django apps like auth and admin.  
2. The necessary PostgreSQL adapter (`psycopg2`) was identified as missing and was successfully installed.  
3. The PostgreSQL database connection was established and migrations applied without errors.  
4. A Django superuser was created to allow access to the admin panel.  
5. The development server was successfully started using `python manage.py runserver`.  
6. Access to the Django admin interface was confirmed via http://127.0.0.1:8000/admin.  
7. Encountered and resolved a 404 error for the root URL `/`, which was due to the absence of a matching route in the `urls.py`. A suggestion was provided to add a basic root view for testing or landing purposes.  
  
Overall, backend setup is now functioning with PostgreSQL integration, and development can continue into building out API functionality or connecting to the frontend.