



LEGO Inventory Database Manager



UNIVERSITY OF NORTH FLORIDA, COLLEGE, JACKSONVILLE, FLORIDA

INTRODUCTION

Problem

Inventory management is important part of managing a business. Products which make up the inventory need to be accounted for and managed to ensure accuracy of sales and stock. A database management system will track the information associated with the product sold at the business.

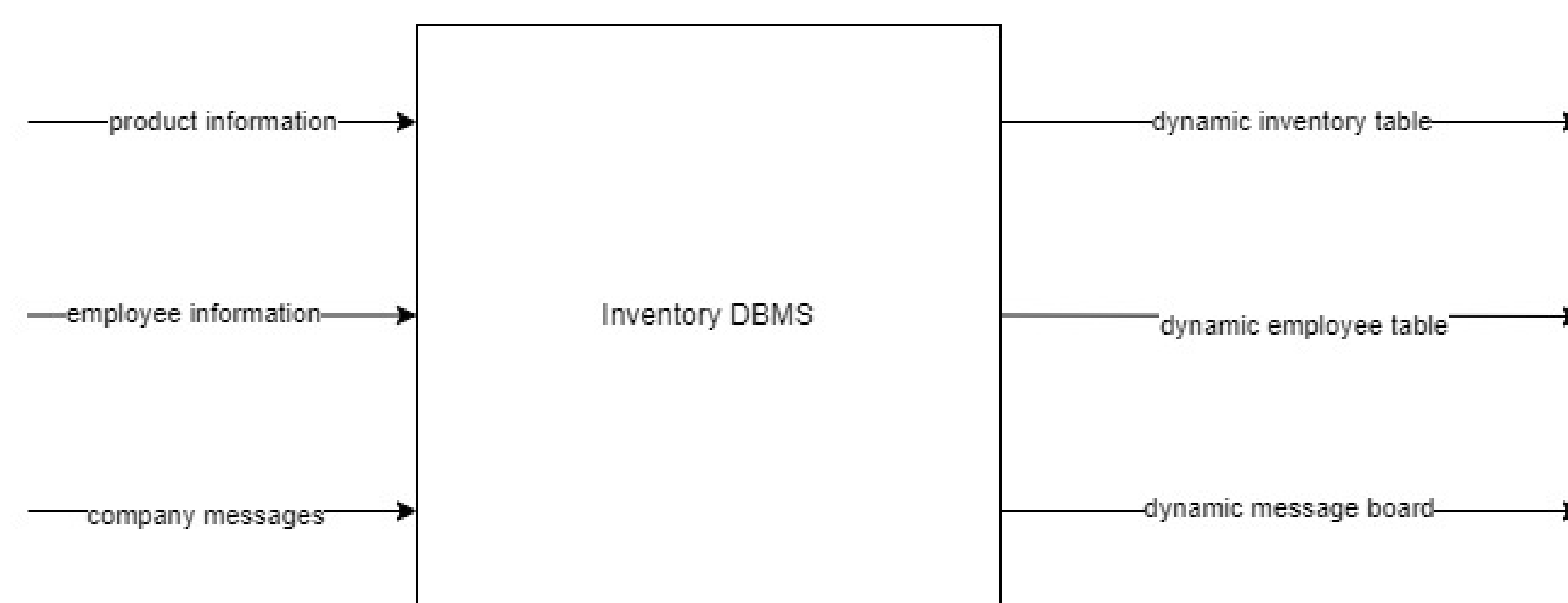


16+ Ages
7541 Pieces
5525 LEGO® Insiders Points
75192 Item

Motivation

This problem is important to solve because business's that sell products will always need to keep track of their inventory and specific pieces of information tied to those products. The program is specifically tailored for the LEGO group and their retail businesses.

Solution



COURSE/ AUTHORS

Course:

CEN4010 Software Engineering (instructor: Dr. Upulee Kanewala)

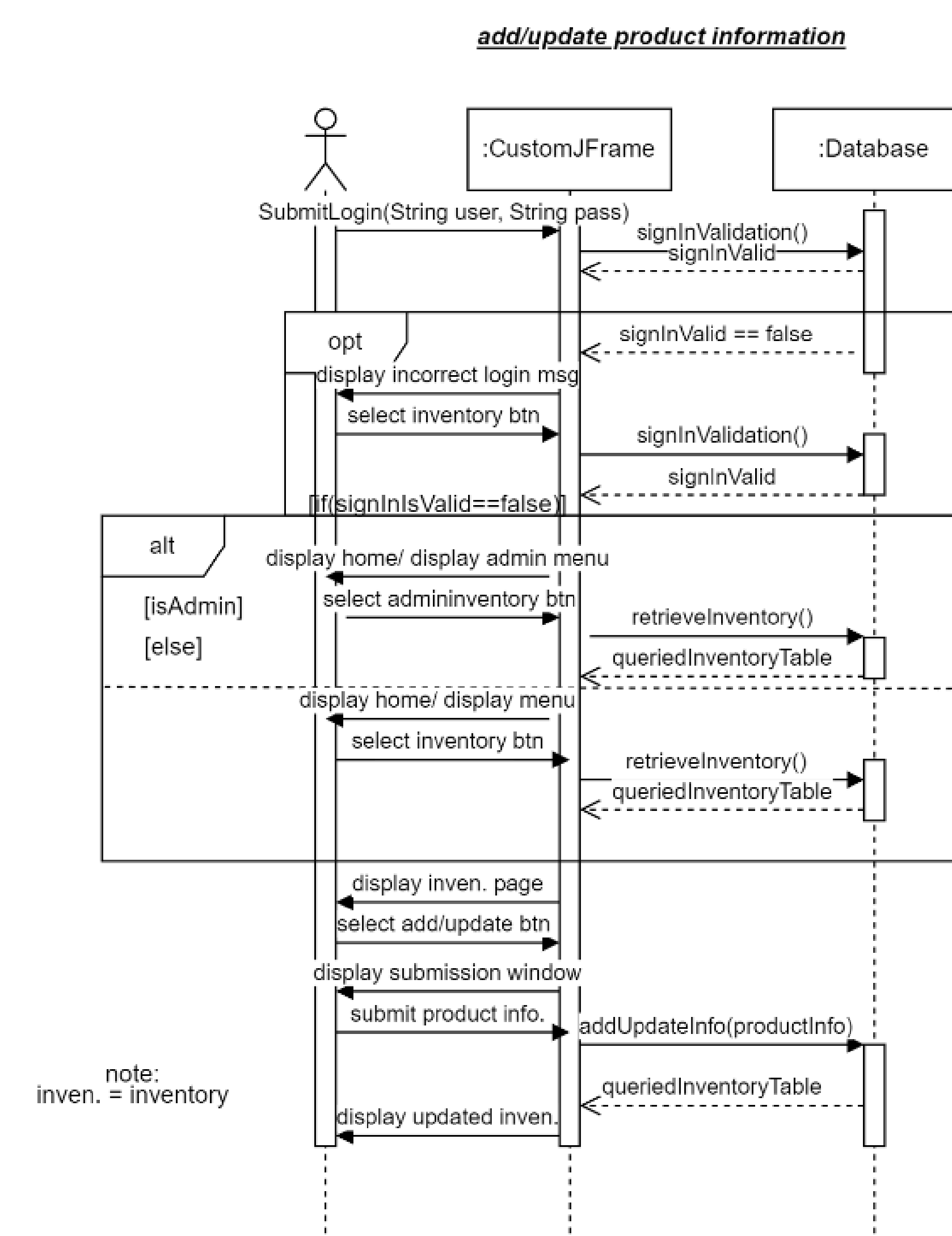
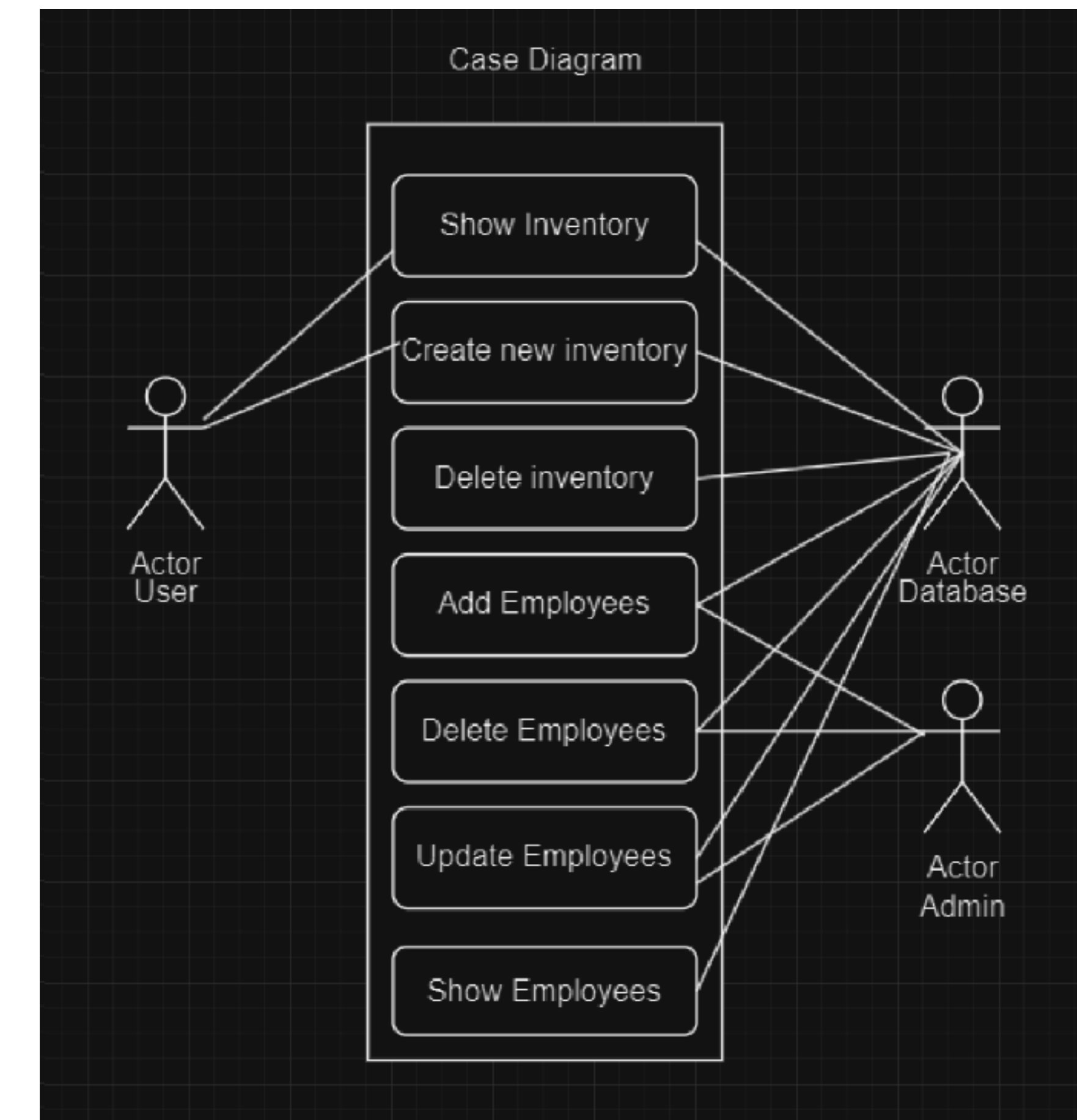
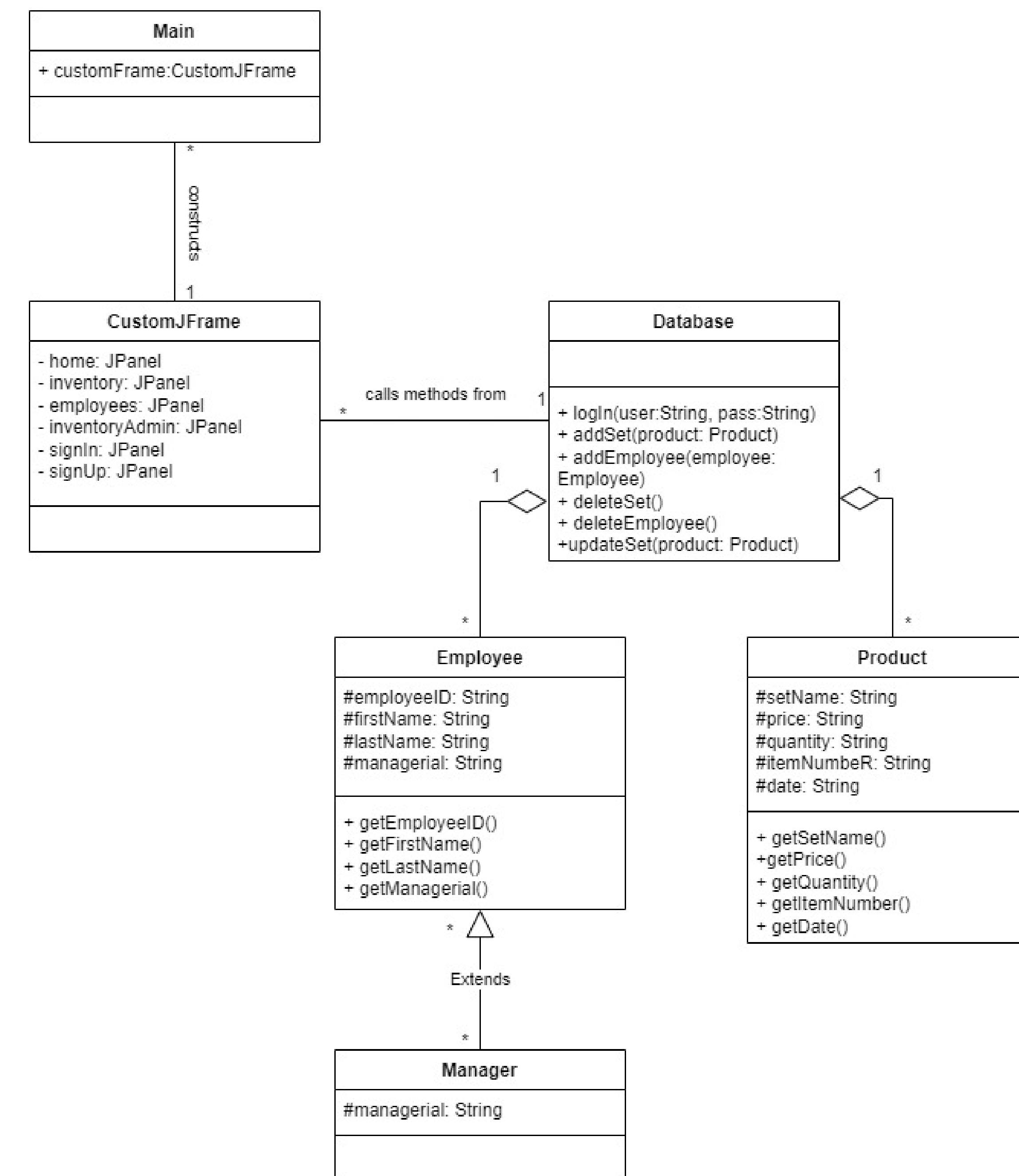
Authors:

Arjun Bhardwaj

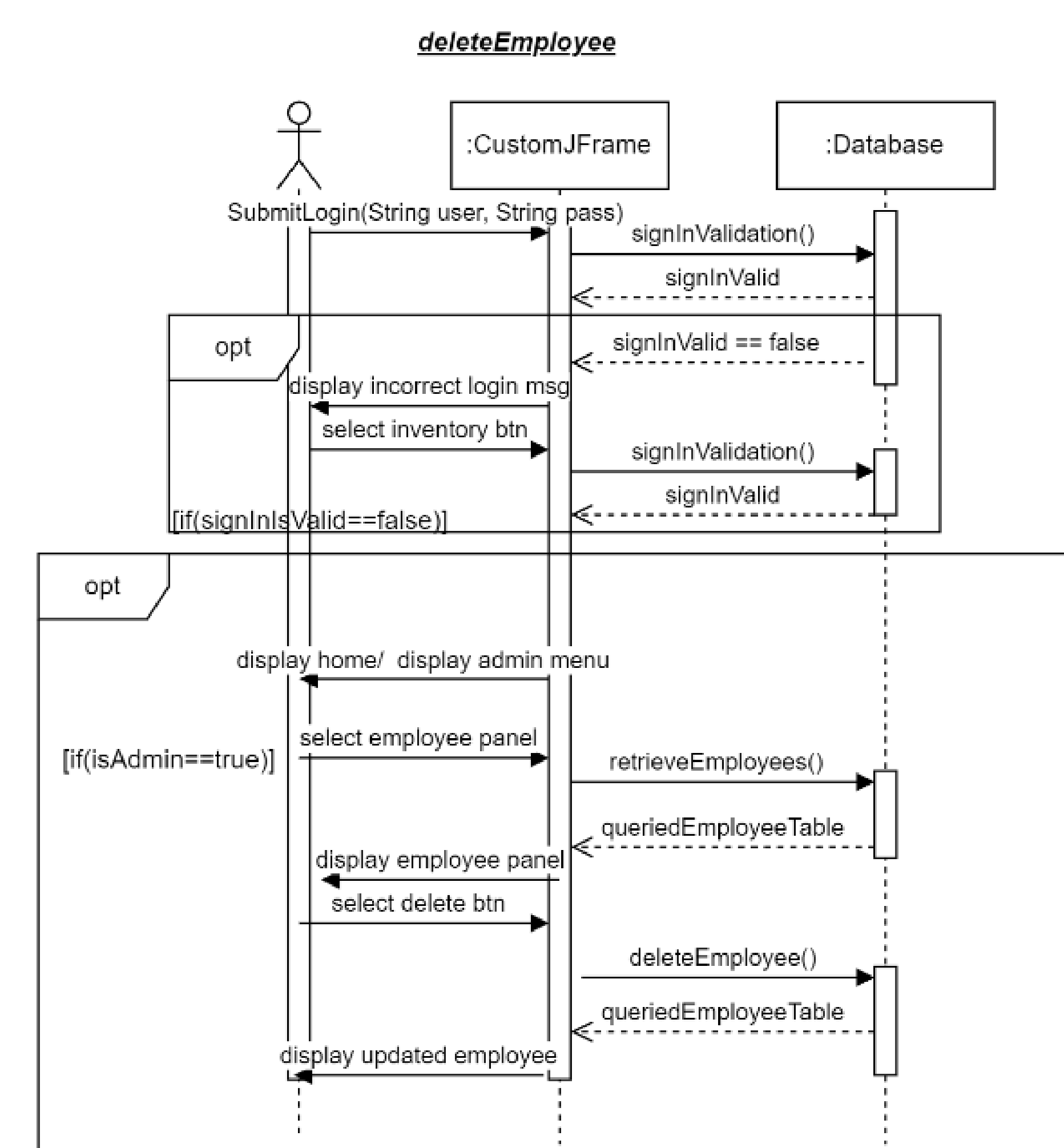
Trung Dinh

Soha Sindhwani

DESIGN



note:
inven. = inventory



TECHNOLOGIES

- Oracle SQL Developer
- Java
- JUnit
- Oracle JDBC
- Eclipse IDE



NEXT STEPS

- Modern business initiatives usually entail tracking weight of cardboard when receiving shipments. The program could focus on storing that information as well.
- Images of the sets could be added for easier identification of the products being selected.
- Preparing a new database to connect the program to due to the current database being through a university account.
- In the final iteration of the project the program will have implemented a filtering/ sorting feature.