



WatchStation Management System

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Professor:
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Section:
CSIS 3540 - 001

Team Members:
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Project Description

1. Business/Organisation

WatchStation management system is an application which focuses on the watch shops that carry watches of different brands and help their employees and the admin to track various day to day activities.

Features:

- Admin can maintain the inventory like the quantity of watches remaining, sold and their respective prices based on different brands.
- Sales Associates can perform the transaction in the application and the application will update the inventory accordingly.
- Admin can fetch daily reports where he/she can track the amount of watches sold based on different filter criteria.
Sales Associates can also check their daily sales report.

2. Deliverables

- Easy to find the amount and the quantity of the watches on daily basis for the sales associate.
- Getting the Transaction Details
- Generating reports
- Login and Logout
- Generating Payroll

3. Scope

- Tracking transaction smoothly
- Simplifying the task for the admin and the employees.
- Marketing/promotions

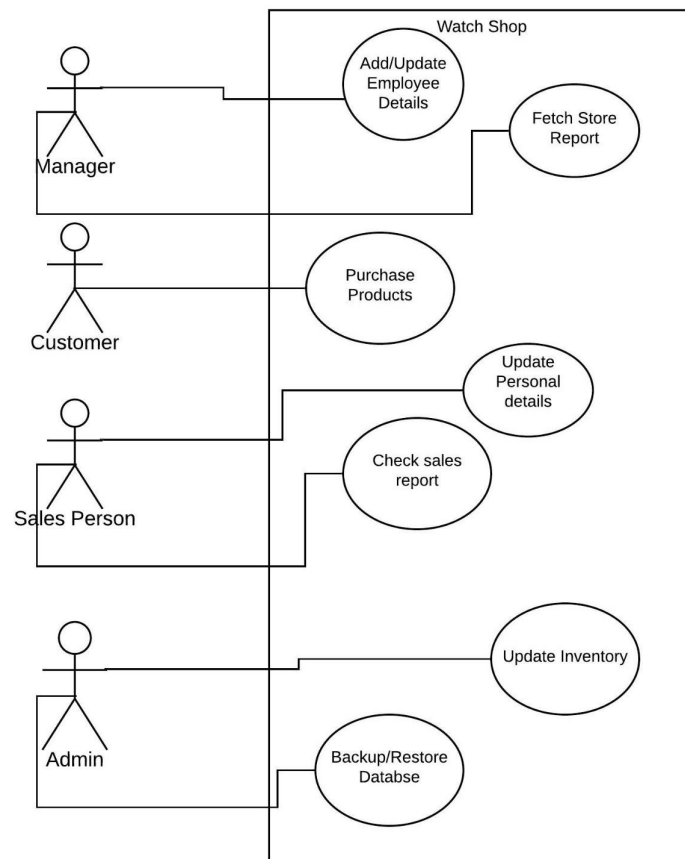
4. Requirements

- Visual Studio
- QL Server
- .Net Framework

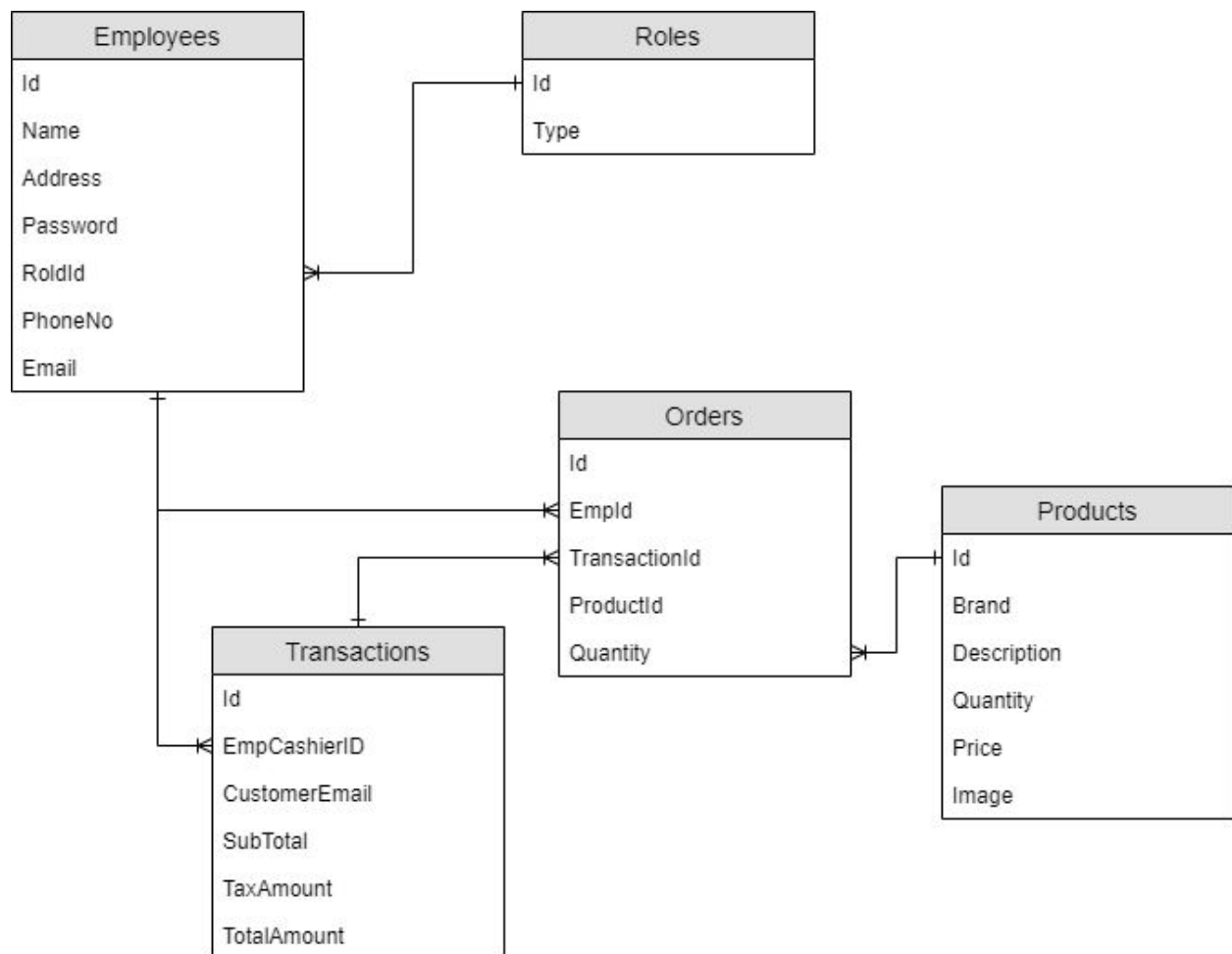
Process Model

1. Actors

- a. **Sales Associate:** Performing Transaction, Sales Status, Checking the amount and quantity, Login and Logout
- b. **Admin:** Maintenance of the inventory, Updating the inventory whenever the shift arrives and Database backup
- c. **Manager:** Fetching different kinds of reports, payroll generation, create employee



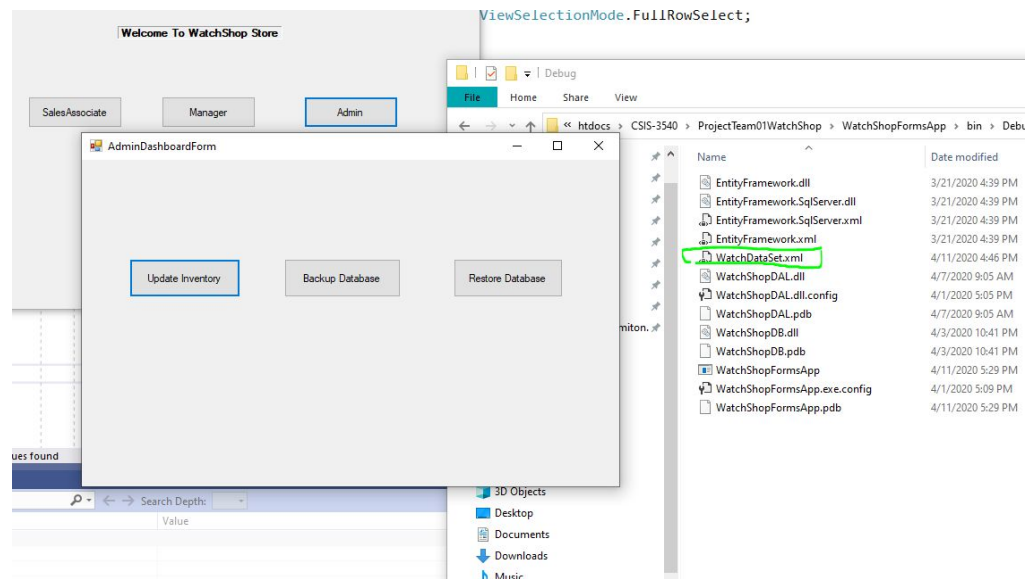
2. Database Model



3. User Interface

- Main Dashboard**: first screen, show all links to other dashboards
- Store Dashboard**: All the Employees can check transactions performed by the store, as well as searching and make an order product

- c. **Admin Dashboard:** Admin can update inventory details, backup & restore data



- d. **Manager Dashboard:** Manager can register an associate or an admin ,
Check Sales report of the entire store and each employee,
- e. **Associate Dashboard:** Associates can check their individual sales
performance

Project Plan

Tasks	Done By	Approx Date
Database	Ronak/Nam	19thMarch – 21 st March
Main Dashboard	Nam	31st March
Store Dashboard	Nam	3rd April
Admin Dashboard	Nam	4th April
Manager Dashboard	Ronak	3rd April
Associate Dashboard	Ronak	4th April
Preview	Nam/Ronak	5th April
Admin Backup & Restore	Nam	11th April

Installation Instruction

1. Requirements
 - a. Window OS
 - b. Visual Studio 2019
 - c. Entity Framework 6.*
2. Steps
 - a. Unzip the file CSIS-3540
 - b. Execute file:
CSIS-3540\ProjectTeam01WatchShop\ProjectTeam01WatchShop.sln
 - c. Double click **WatchShopDB.publish.xml** to publish the database
 - d. Click "Start"

