



AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Technology

CSE 3200: Software Development-V

Fall 2021

PROJECT PROPOSAL

Speedy Couriers

Lab Group: C1

Project Group: G₇C₁

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1. Introduction

Our project Speedy Couriers will provide the business owners to request delivery services easily. In response to the service request, we will assign a delivery person so that the products will be delivered to the address of their respective customers.

1.1 Proposed Goals

➤ Objective:

- Speedy Courier is an online courier service where business owners will make a delivery request, and a delivery man will be assigned to deliver the package safely to the intended recipient.
- Any e-commerce business must ensure timely product delivery. Many business owners encounter the daily challenge of locating delivery companies at the time of delivery. To address this problem, online courier and delivery service will be helpful.
- In e-business, customers are the most crucial factor, so client happiness must be the top priority. There are many business owners who don't have any delivery persons of their own, for this reason they use online courier services to deliver their products.

➤ Motivation:

- For many businesses tracking the delivery process to make sure that the package has been delivered to the clients on time. It might lead to increased business efficiency and a decrease in the time and effort which are required to cope with deliveries.
- From time-to-time business owners encounters have to phase a number of issues. Some are: delayed deliveries, inadequate visibility on the courier delivery operations, the inability to handle multiple customers, a bad user interface, and a lack of options. Additionally, practical facilities are not offered by physical courier services.
- Our project will try to solve these problems. It will assist our users in managing and delivery of the packages safely and securely. Users will be able to track the delivery status. Therefore, a user interface that is clear and straightforward will encourage more users to utilize the website, enhancing the company's reputation. To build up users' confidence in the company, it could lead to frequent promises.

1.2 Project Accomplishment

Most of the functionality has been implemented in our project but few features are absent. The accomplishment of our project are:

1. Successful Log in and Log out.
2. Accessing the logged in user information.
3. Creating parcel as a user.
4. Showing the order details for individual user.
5. Admin can see the order details and also transaction details.
6. Admin can assign deliveryman to newly created orders.
7. In delivery man panel, individual delivery man can see their corresponding delivery assign records.

These are the accomplishment of our project. Though some of the features and exceptions were not handled and implemented but all the user interfaces were designed.

2. Project Features

- Login page for:
 - Admin.
 - Users.
 - Delivery person.
- Registration page for:
 - New Users.
 - New Delivery person.
- User input form for creating new delivery requests.
- Assign delivery person for delivering the products to the respective customers.
- Delivery status.
- Cost track.
- Order track.
- Delivery man track.

3 Database Diagram

3.1 Proposed Diagram

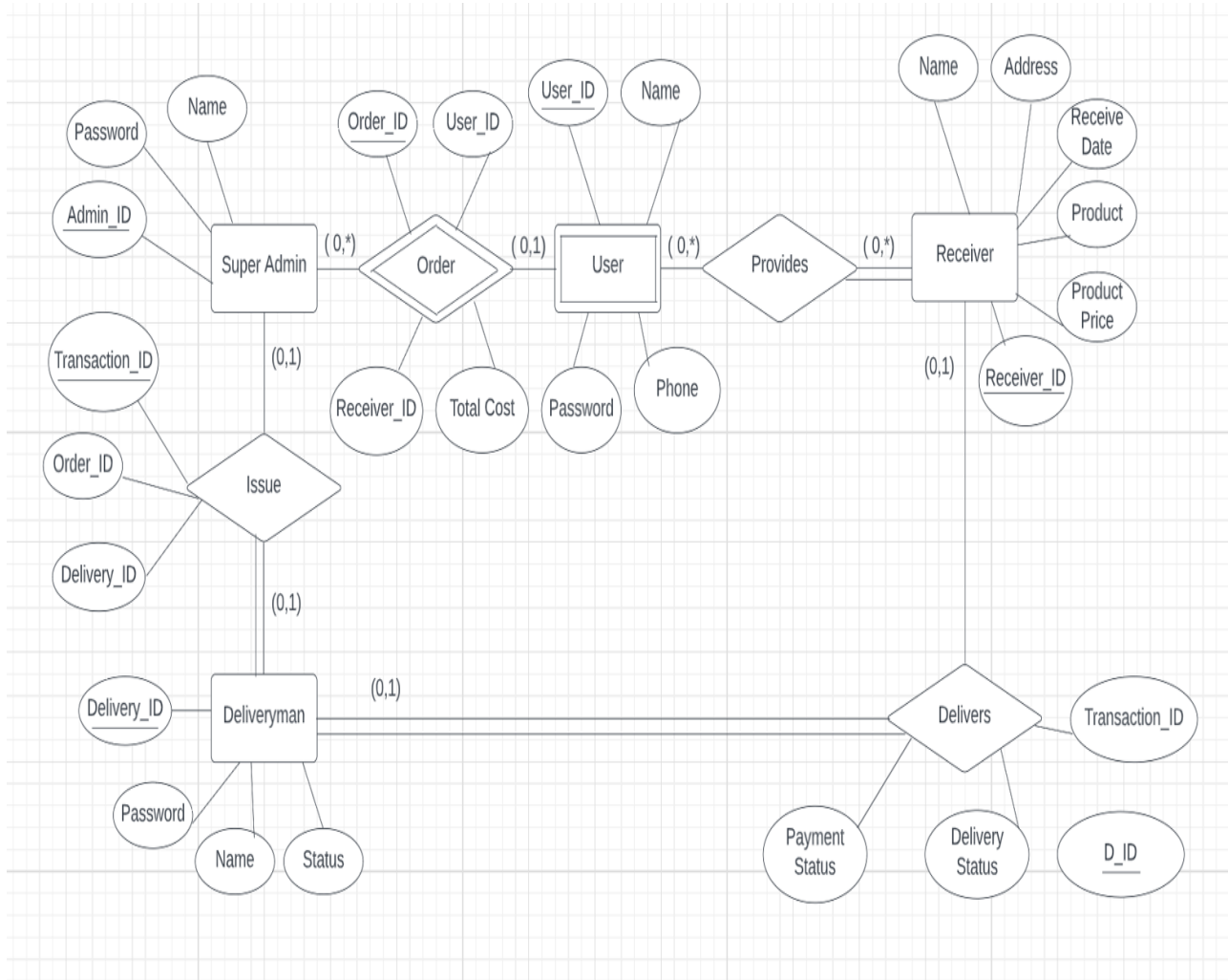


Figure: Entity-Relationship Diagram

3.2 Evaluation 1 Diagram

We did not make any modifications in our Entity Relationship Diagram in evaluation 1.

3.3 Evaluation 2 Diagram

We did not make any modifications in our Entity Relationship Diagram in evaluation 2.

3.4 Final Diagram

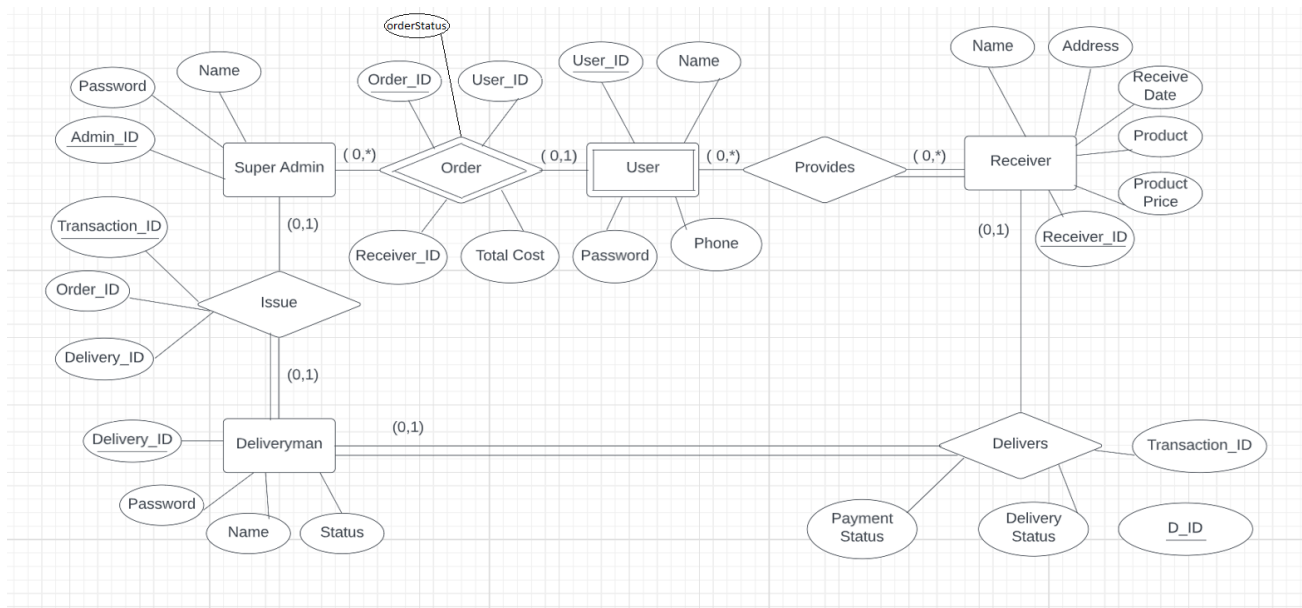


Figure: Modified Entity-Relationship Diagram

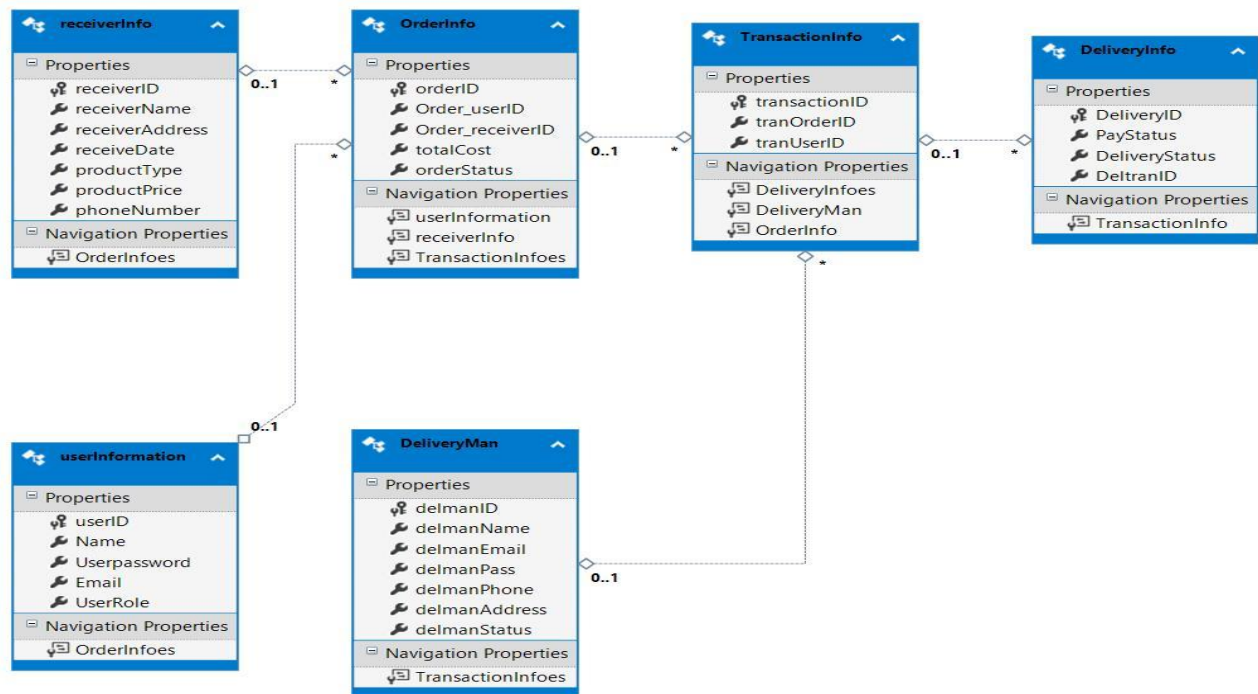


Figure: Modified Database Diagram

4. Contribution

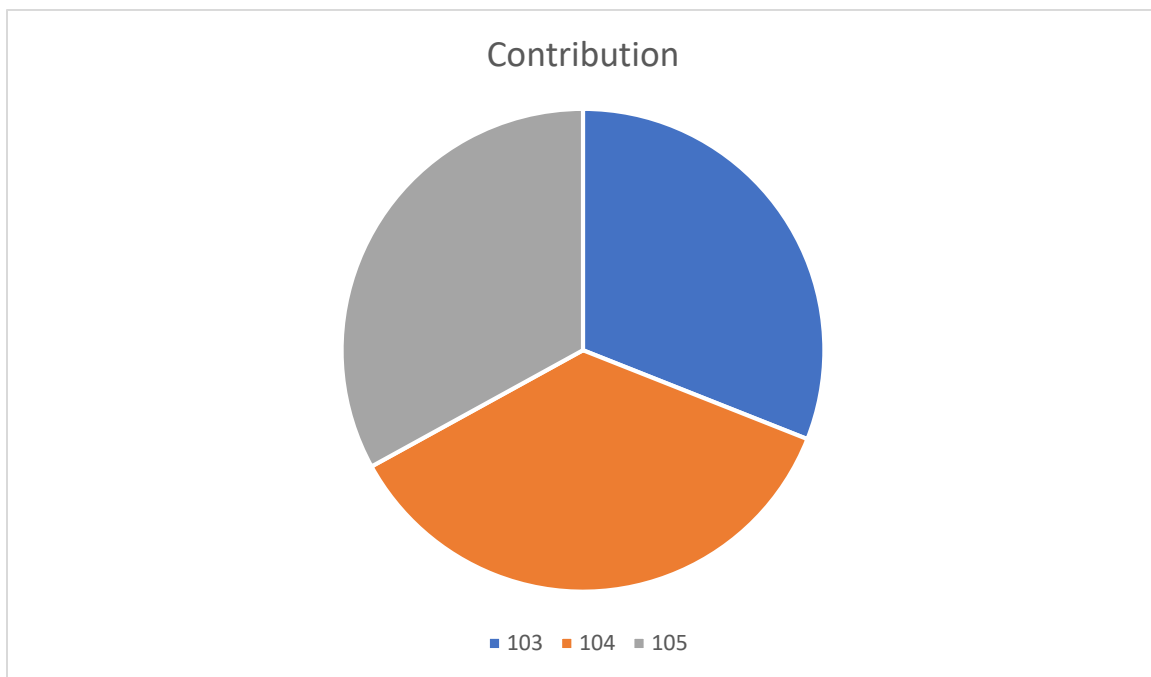


Figure: Contribution Chart

190104103: About Section View, Contact Section View, User Controller, Create Parcel View, Order details View, User View, Design of log in .

190104104: Database design and models, Home Controller, User Log in, User Registration, Registration, Delivery Man log in, Delivery Man Controller, Layout design, Transaction Details View.

190104105: Admin Controller, Admin Layout, Admin Delivery Man View, Create Order View, Delivery Man List Order View, Profile View.

5. Conclusion

Our project Speedy Couriers will provide the business owners to request delivery services easily. In response to the service request, we will assign a delivery person so that the products will be delivered to the address of their respective customers. We have tried to implement all the functionalities properly but some of the features were not implemented.

5.1 Limitations

- After successful delivery of the product deliveryman is unable to change the delivery status.
- If a user forgets a password he/she cannot retrieve the account.

5.2 Future Work

- Successfully implement the functionality for deliveryman to change the delivery status for an order.
- More user friendly interface.
- Editable user account.
- Handle exceptions.
- Add more features.

5.3 Project Link

GitHub Link: <https://github.com/S48AHan/SpeedyCourier>

5.4 Ending Remarks

From this project we have learned about ASP.net MVC. How the system works and operates. In this project we have tried to implement a complete delivery service providing system. We have gained knowledge about the functionalities of MVC. We will try our best to gain more knowledge about MVC and implement in this project and also our future projects too.