Project Name: Online Bus ticket booking management System.

Experiment Name: Sequence Diagram for the Subsystems.

Members

Tama Shil (342)

Umme Farcia Moon (362)

MD. Ahsan Habib Rasel (367)
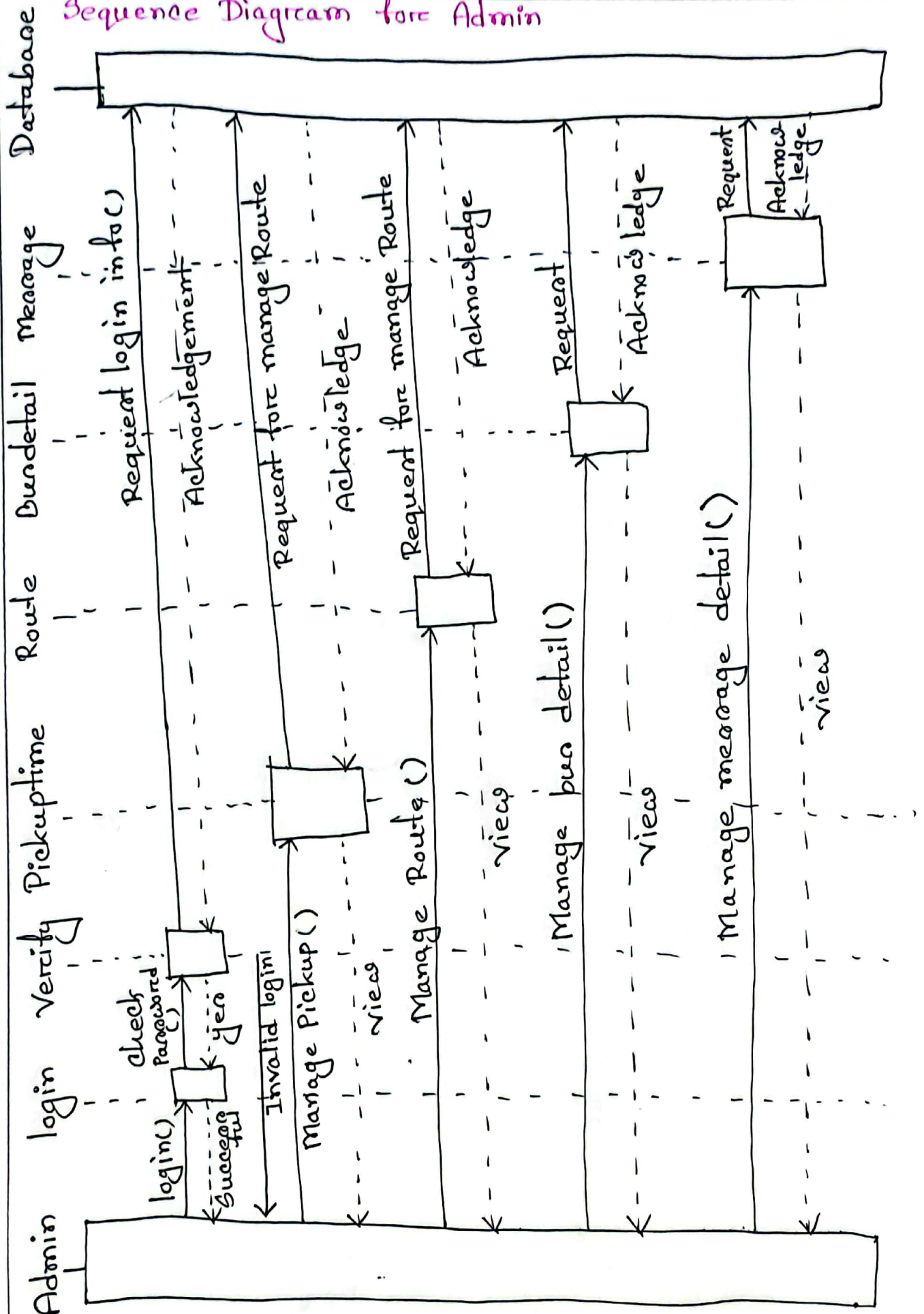
Pritam Saha (375)

Date: 14-06-2022

Tama Shil

ID: 342

Subsystem for admin

⇒ Admin will give login information. It will be verified by the database. Database will sent acknowledgement and view to admin. If the login is invalid, there will be a reply.

⇒ Admin will $\overset{request}{\land}$ manage pickup point and time. Database will acknowledge it and sent view message.

⇒ Admin manage route, the database will get request of managing route and sent acknowledgement.

⇒ Admin will manage bus details and database will receive a request for bus detail. Admin will acknowledge it and admin will receive a message.

⇒ Admin will manage messaging and database will acknowledge the request and view to admin.

Name: Umme Tarcia Moon

Roll: 362

Sequence Diagram for Admin

Lifelines: Admin, login, Verify, Pickuptime, Route, Bundetail, Message, Database

Messages:
- login()
- check Password()
- Success yes
- Invalid login
- Manage Pickup()
- view
- Manage Route()
- view
- Manage bus detail()
- view
- Manage message detail()
- view
- Request login info()
- Acknowledgement
- Request for manage Route
- Acknowledge
- Request for manage Route
- Acknowledge
- Request
- Acknowledge
- Request
- Acknowledge

Pritam Saha
ID: 375

Subsystem for User:

⇒ User will login into system by entering login information. The login will be verified by requesting database. The database will give an acknowledgement about valid and invalid login.

⇒ The user will manage registration. The database will acknolege the request send by registration and User will receive a view message

⇒ The user will manage reservation and request to database. The database will acknowledge the request and the reservation will sent a message to user.

⇒ the user will do payment the system will verify the payment and send valid and invalid message

⇒ The user will request for message and the system will verified.

Pritam Saha
ID: 375

MD Ahsan Habib Rasal
ID: 367

Sequence diagram for User