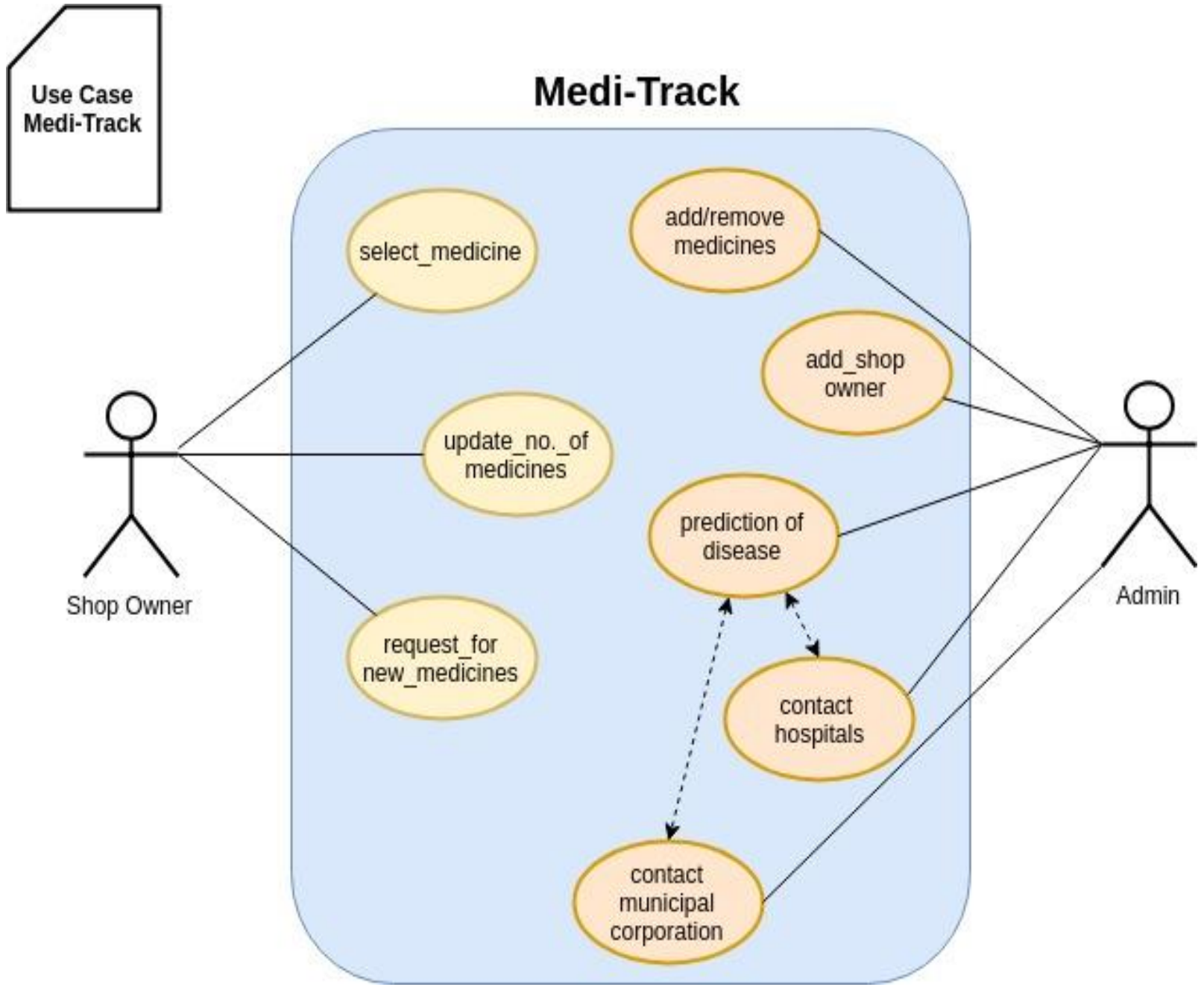
Medi-Track

HealthCare Report

Introduction

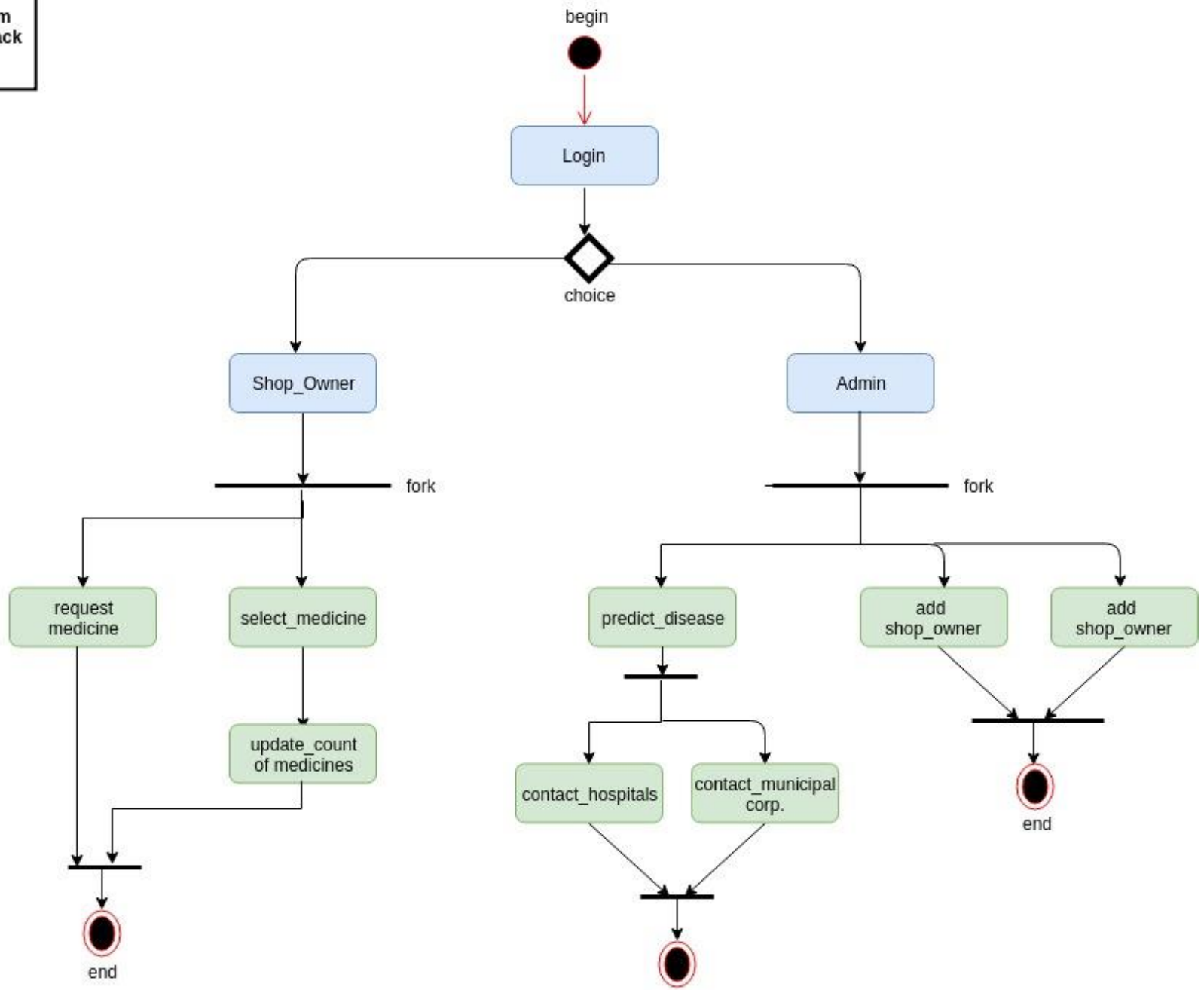
- One of the causes of diseases can be the **unhygienic or irrelevant** surrounding conditions, which the patients are unaware of. So to tackle this, we can keep **track of medicines** sold by the medicine shops. And on a weekly basis, on the basis of number of medicines sold we will **predict which disease** can prevail in that locality and what could be the reasons for that. Further we will contact the hospitals and the municipal corporations regarding this spread of disease in certain localities. These organizations will then address this issue and can ensure better well being of the society.
- Therefore, this idea can somewhat contribute to the well being of the society. Also this idea can **trigger regular checkups** in the locality.



This diagram shows how the shop owner and the admin which are external agents(Actors) will **use** the interface.

This will give us the basic overview of the application and it's **interaction** with the user.

State Diagram Medi-Track



This diagram shows how the **states** of the various processes changes as the user interacts with the system.

How to predict ?

- We'll try to obtain a dataset which is similar to our requirement or create our dummy dataset.
- Train our model and **copy the final weights** of the neurons which will serve the purpose for carrying out the prediciton.
- The shop owners on a weekly basis will submit the number of medicines, these numbers will serve the purpose of the **test feature** and the admin will then predict the **output disease**.
- Further the admin will **report** this to both hospitals and municipal corp.