

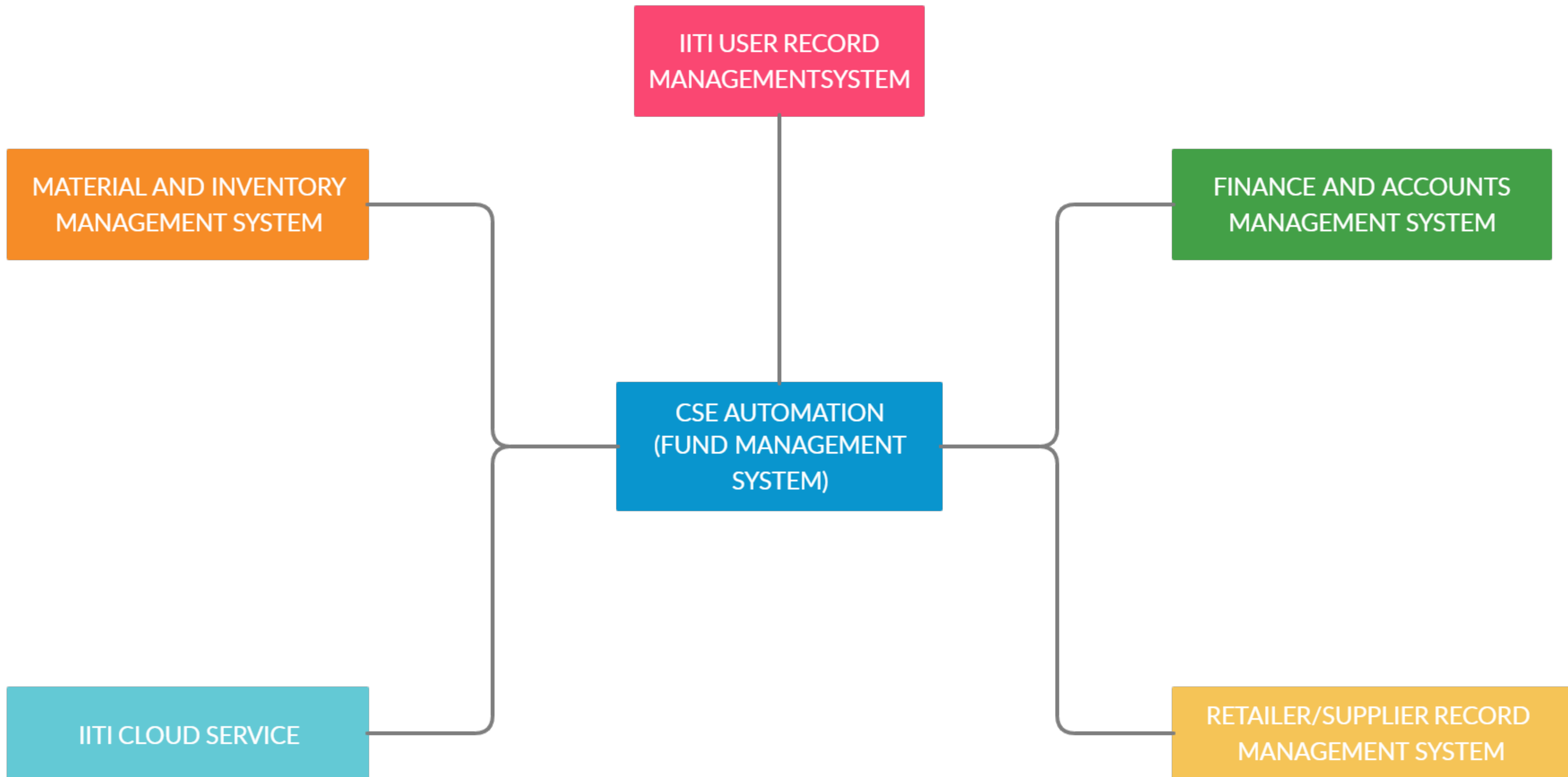
UML Diagrams

Assumptions:-

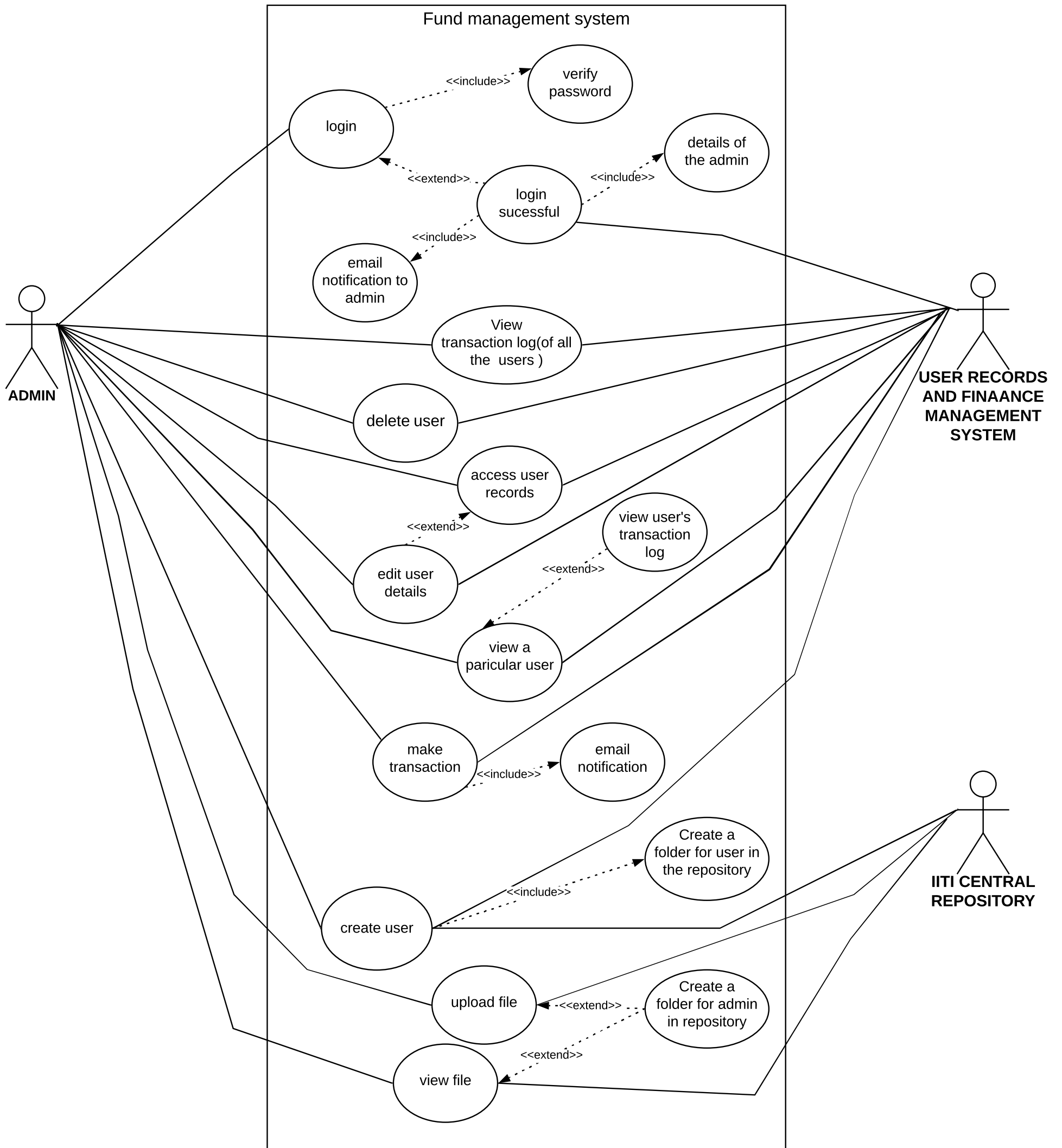
This system is actually intended to share the data with some other systems like the Finance and account Management System, IITI User Record System, etc. Since the access to these systems was not provided, on the suggestion of our client a working environment (a database that stores all the details that are actually to be retrieved from other systems is being used) has been created for testing the required functionalities. As a part of this, the system was developed as if an individually functioning body with its own database. In this SRS the database used by developed software will be mentioned. The activity diagrams which play a major role in the design part are drawn assuming our software as an independently functioning system but the high level UML diagrams like the context and use case models were drawn assuming it as a dependent system. Assuming the system borrows data from the other software in the use case model did not affect the low level UML diagrams which were drawn as if the data is being retrieved from the software's own database, since its just the place from where data is being retrieved or store that has changed. In the interaction details our software will be considered as an independent system (ALL THESE WERE DONE UNDER THE CLIENTS SUPERVISION AND GOT APPROVED).

As the product shares the database with above mentioned external systems in order to avoid the duplication of data, this makes the product a bit slow but the space saved by preventing the data redundancies by sharing the database overweighs the reduction in speed. But it does not affect the functionalities of the software it is interacting with.

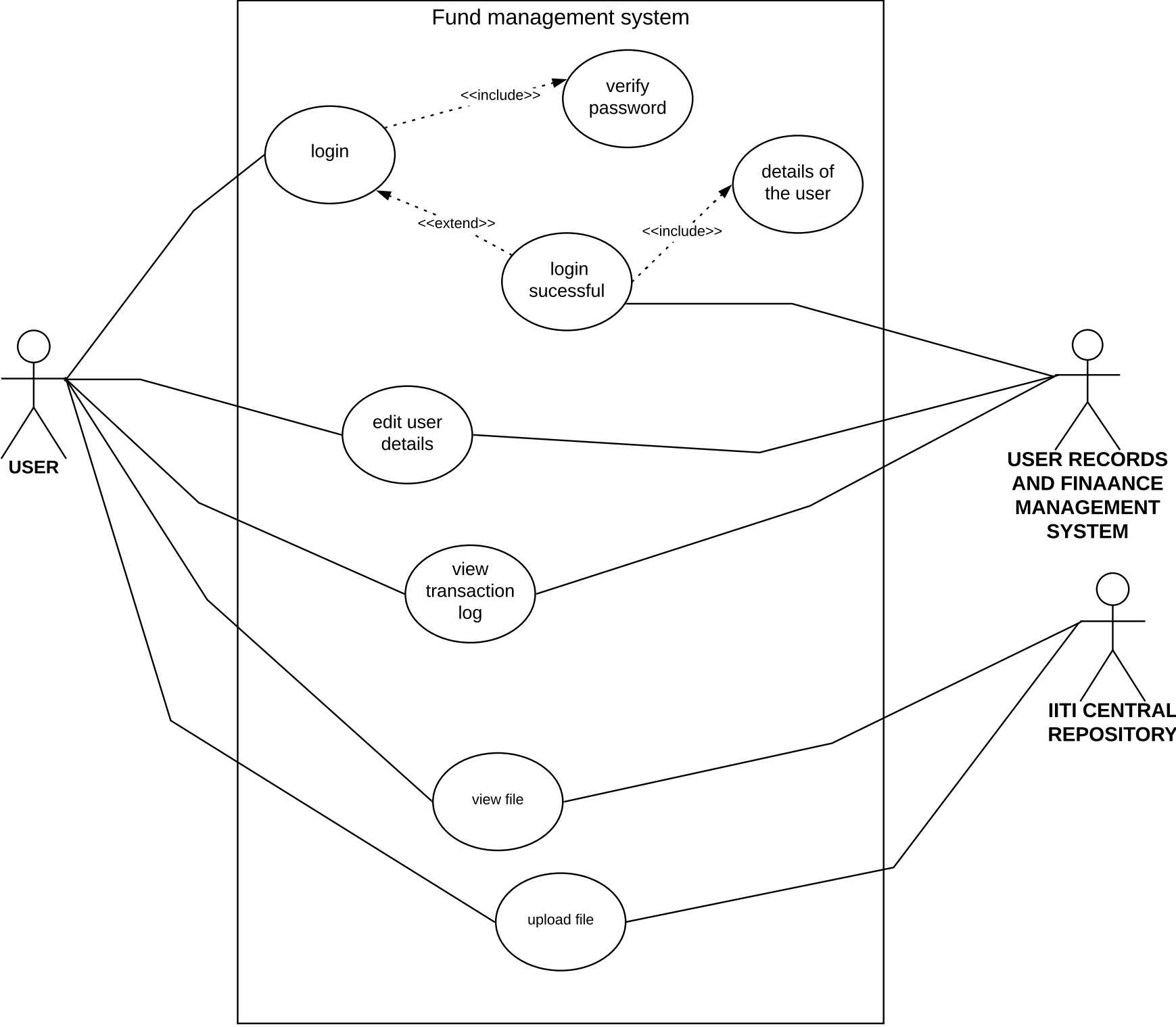
CONTEXT MODEL



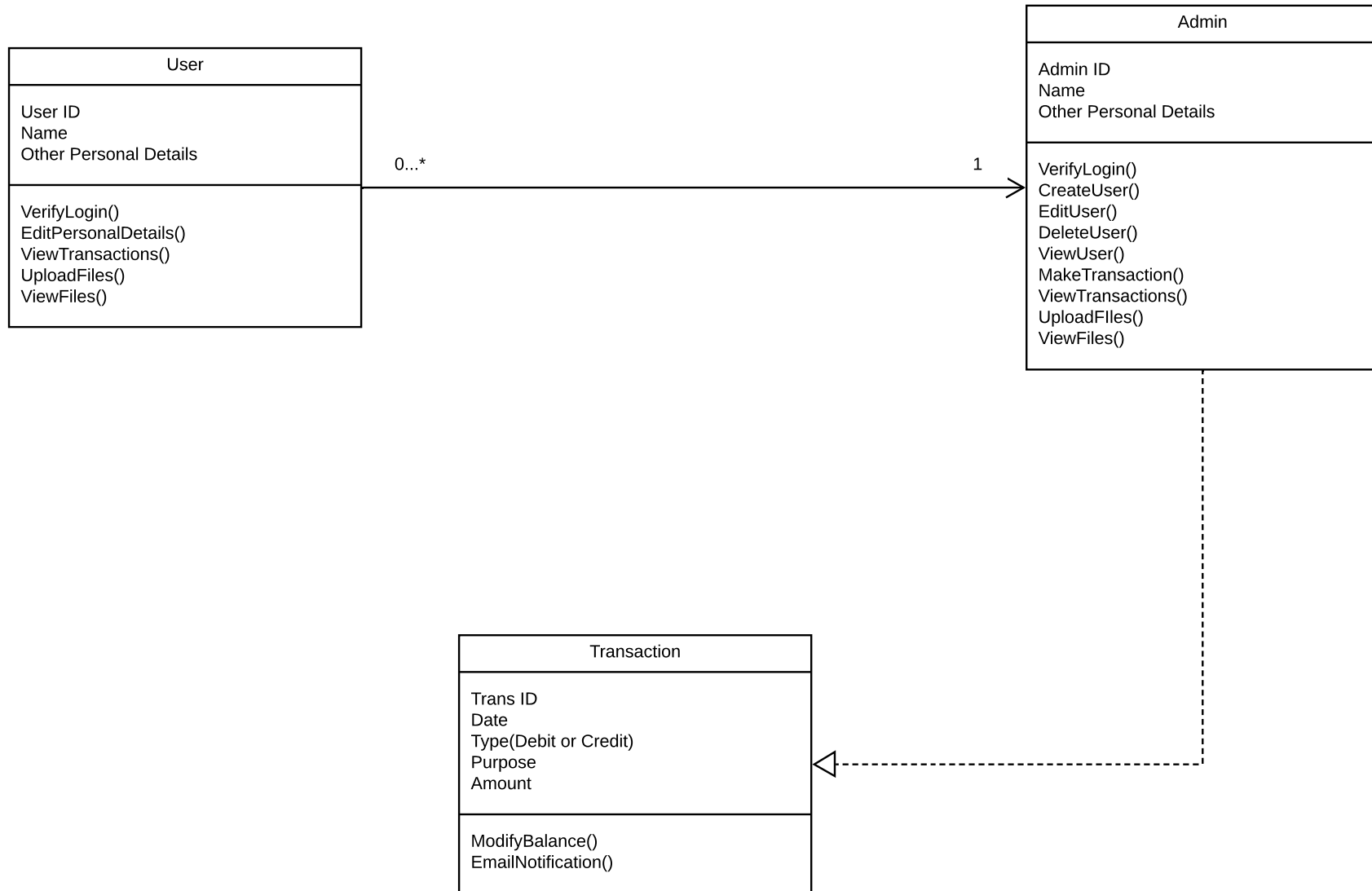
use case model for admin system interaction

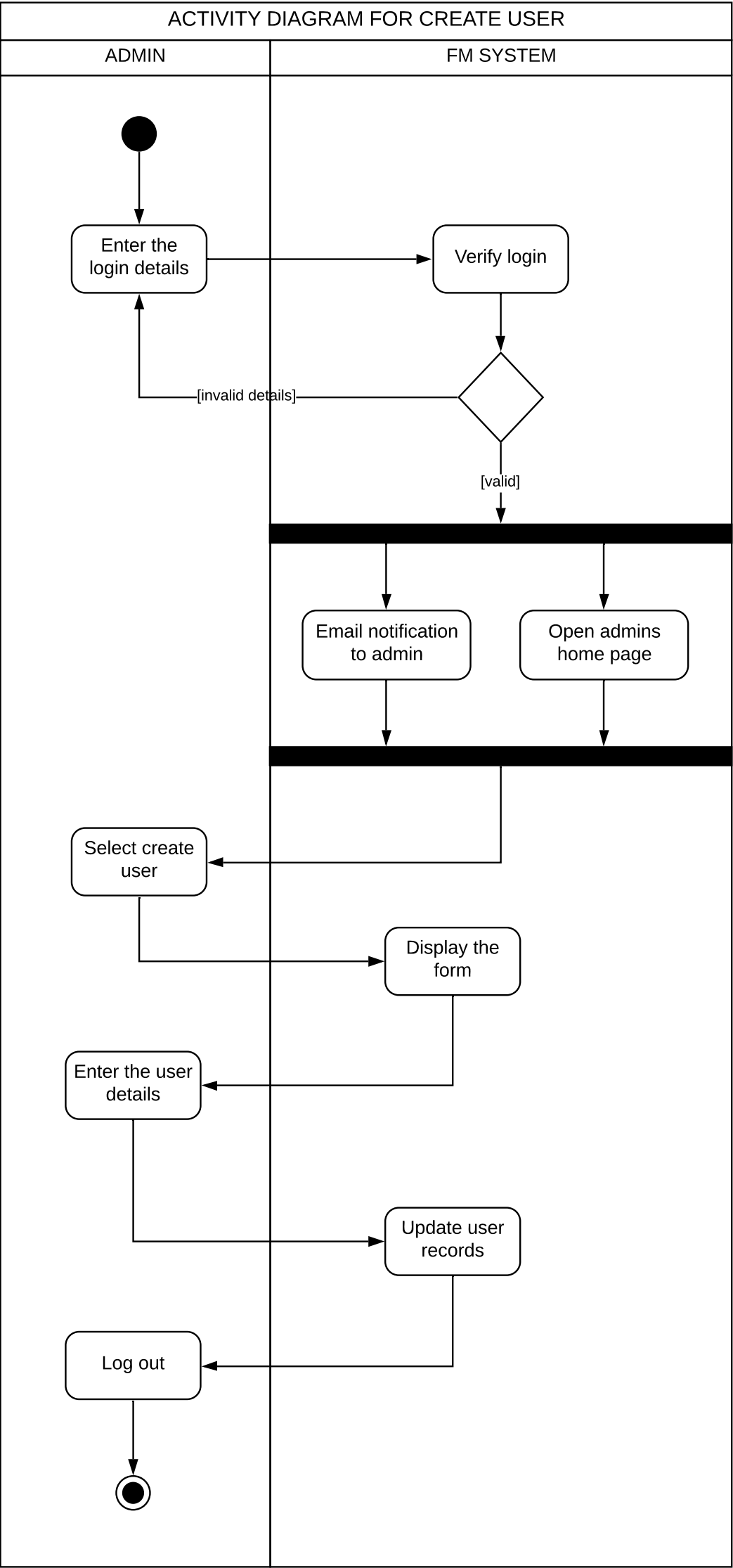


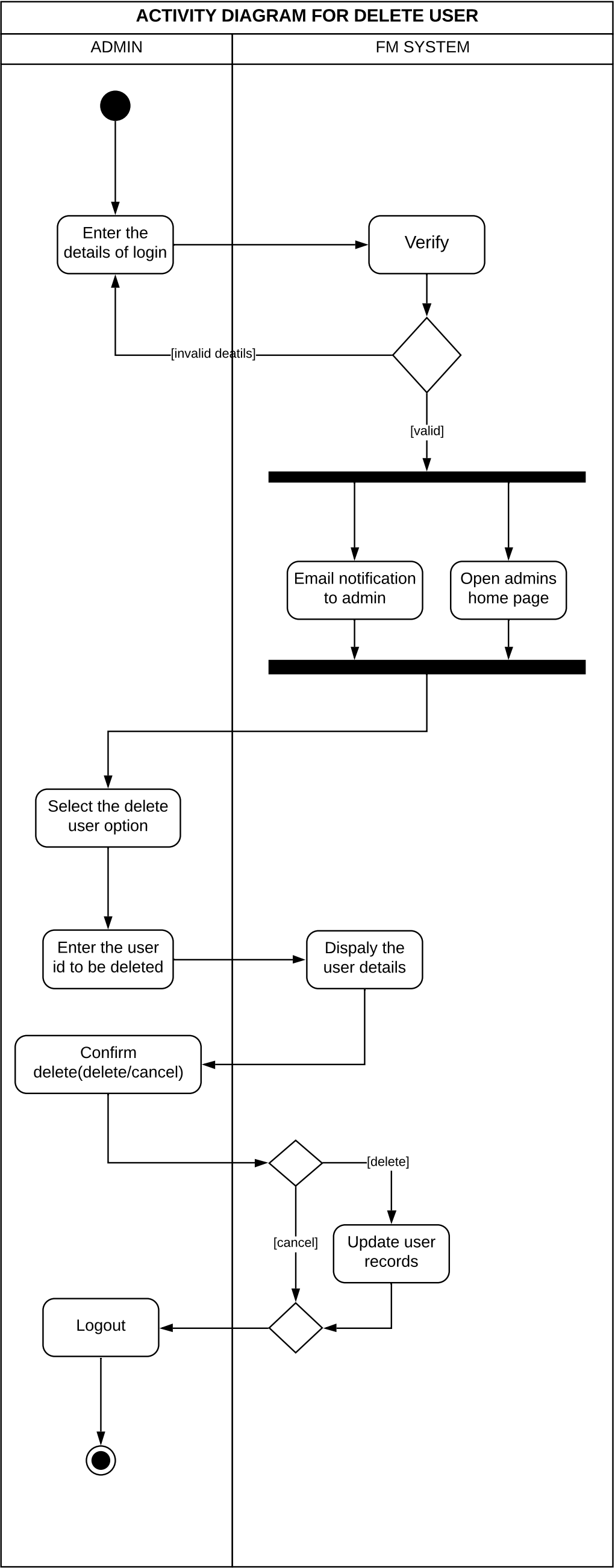
use case model
for user system interaction



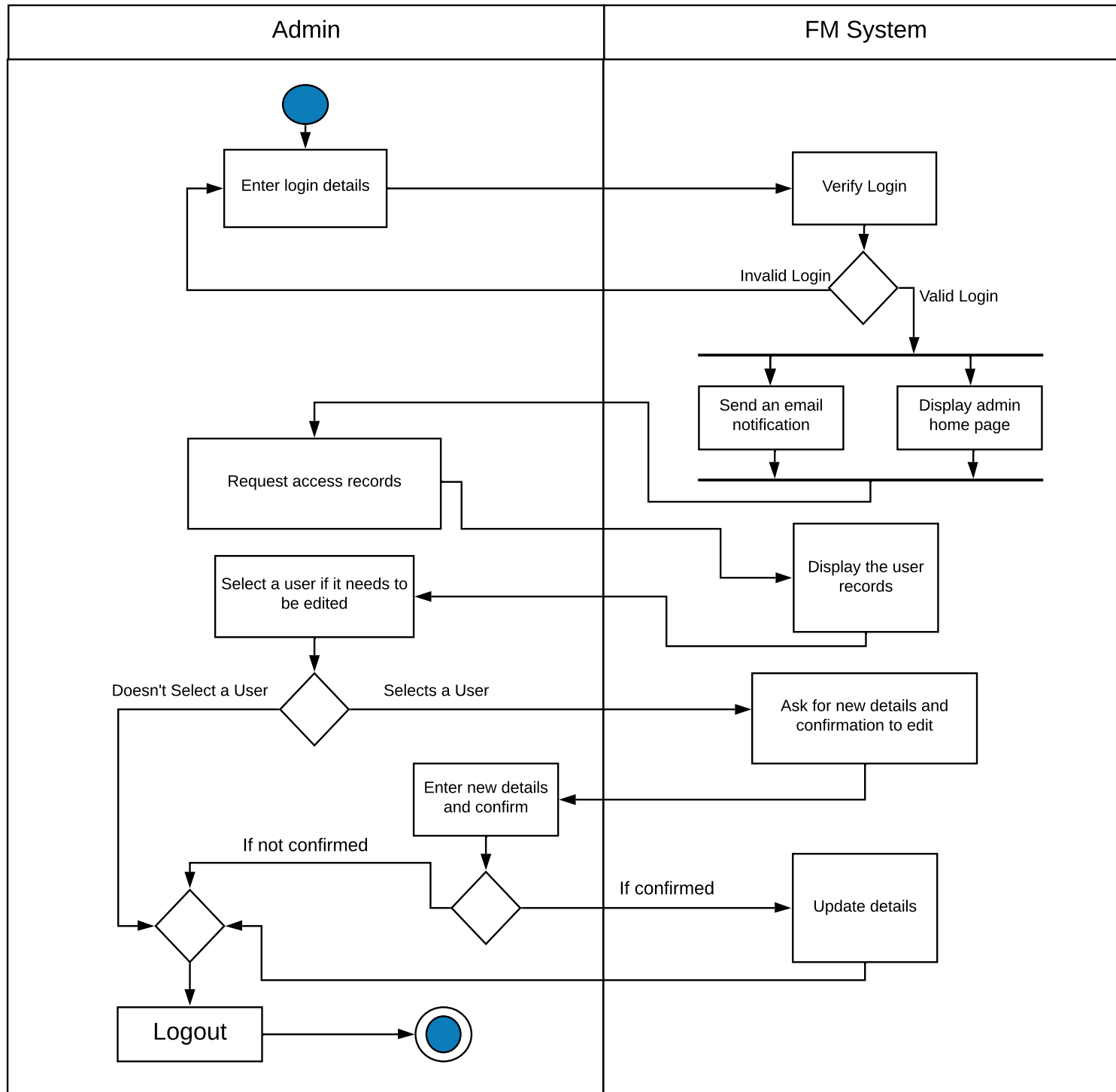
Class Diagram



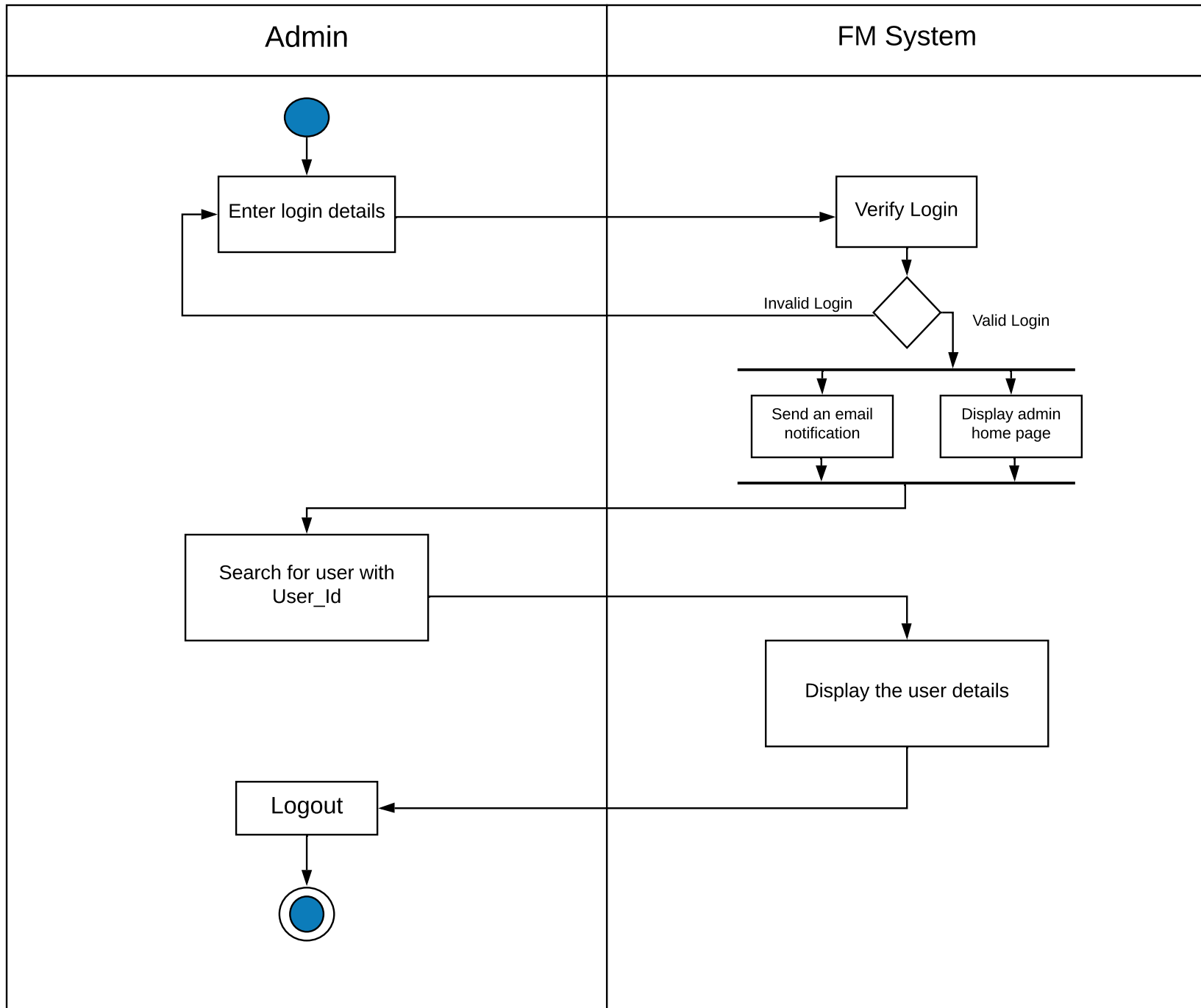




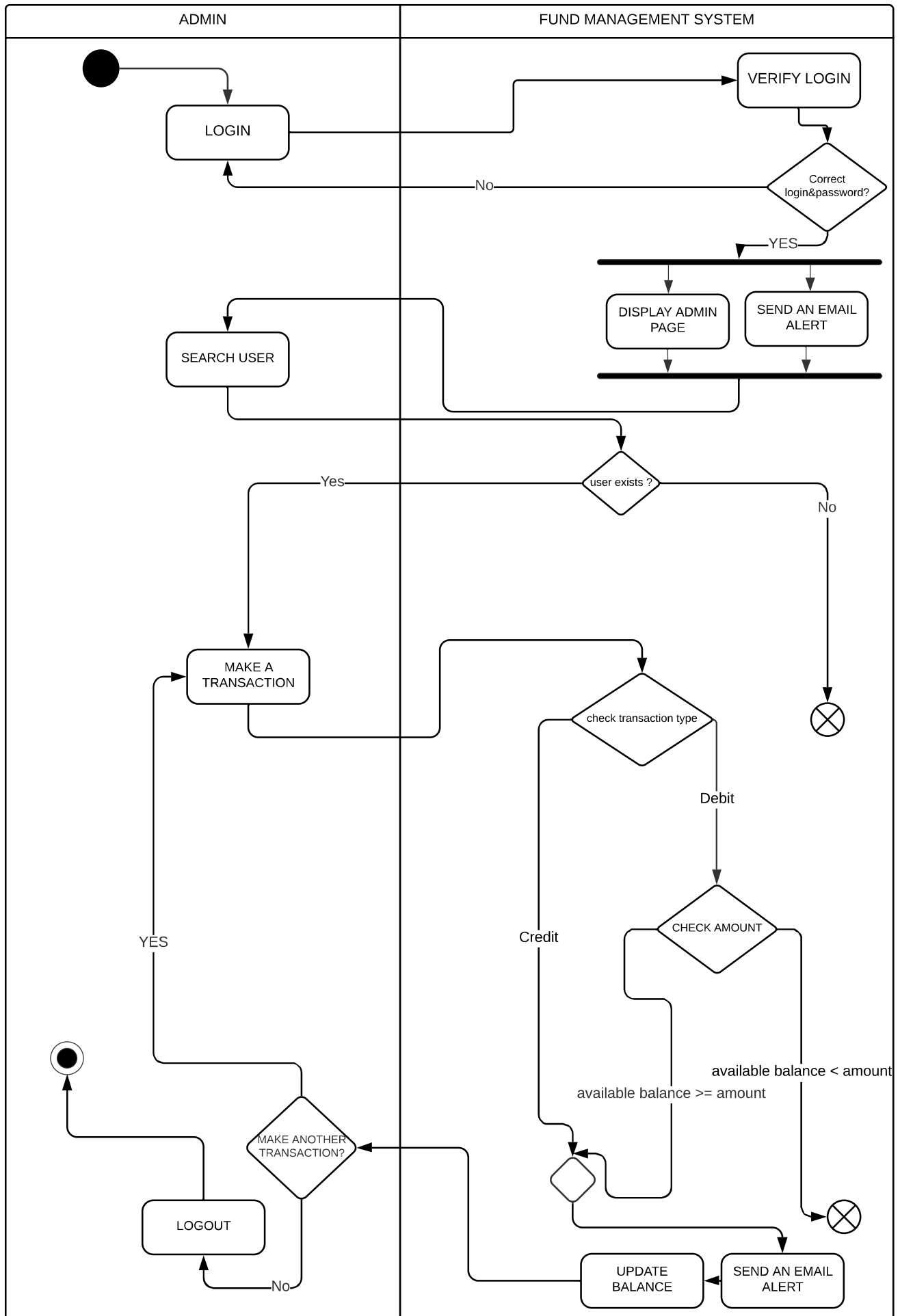
Access and Edit

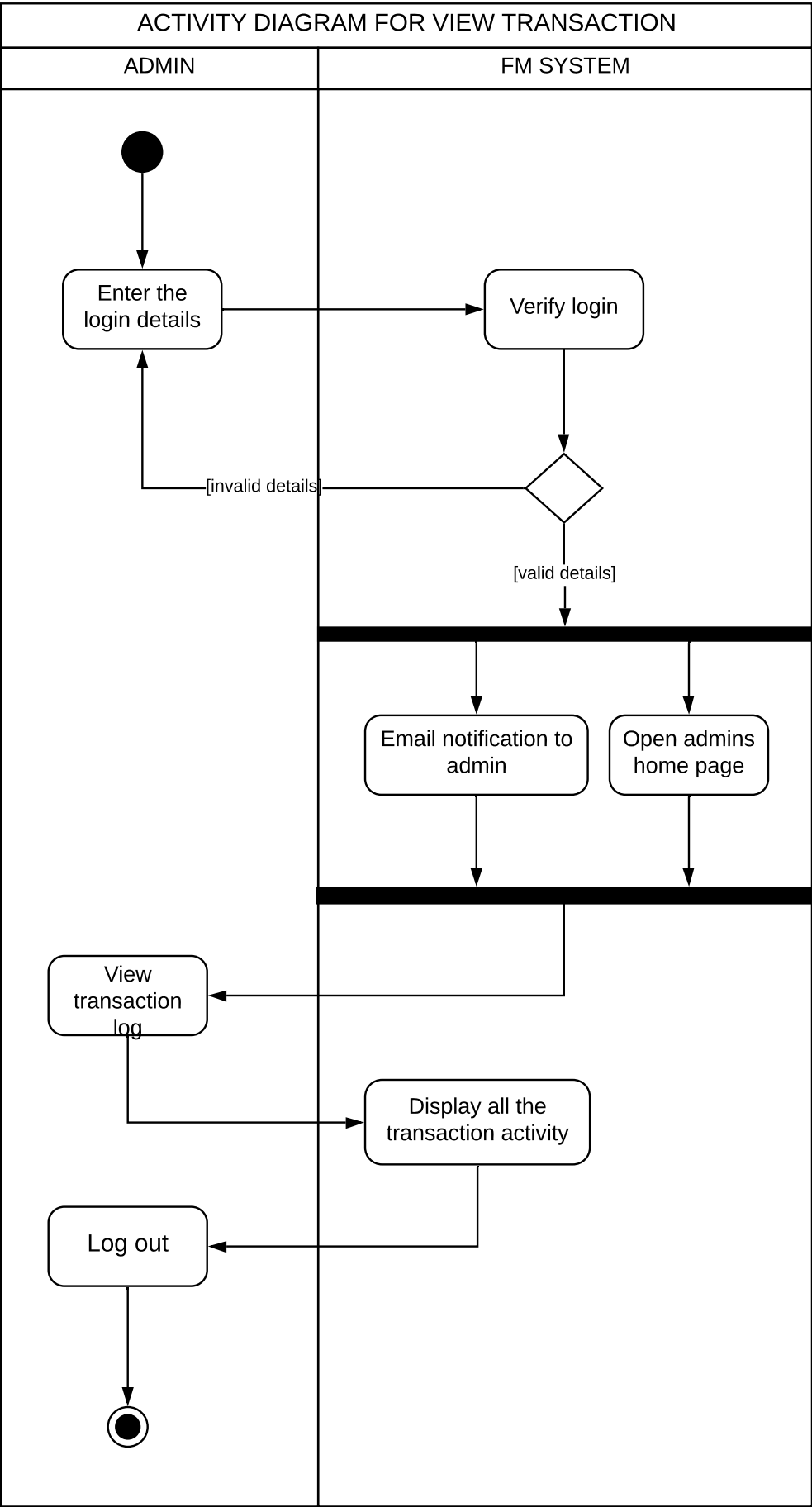


Admin View User

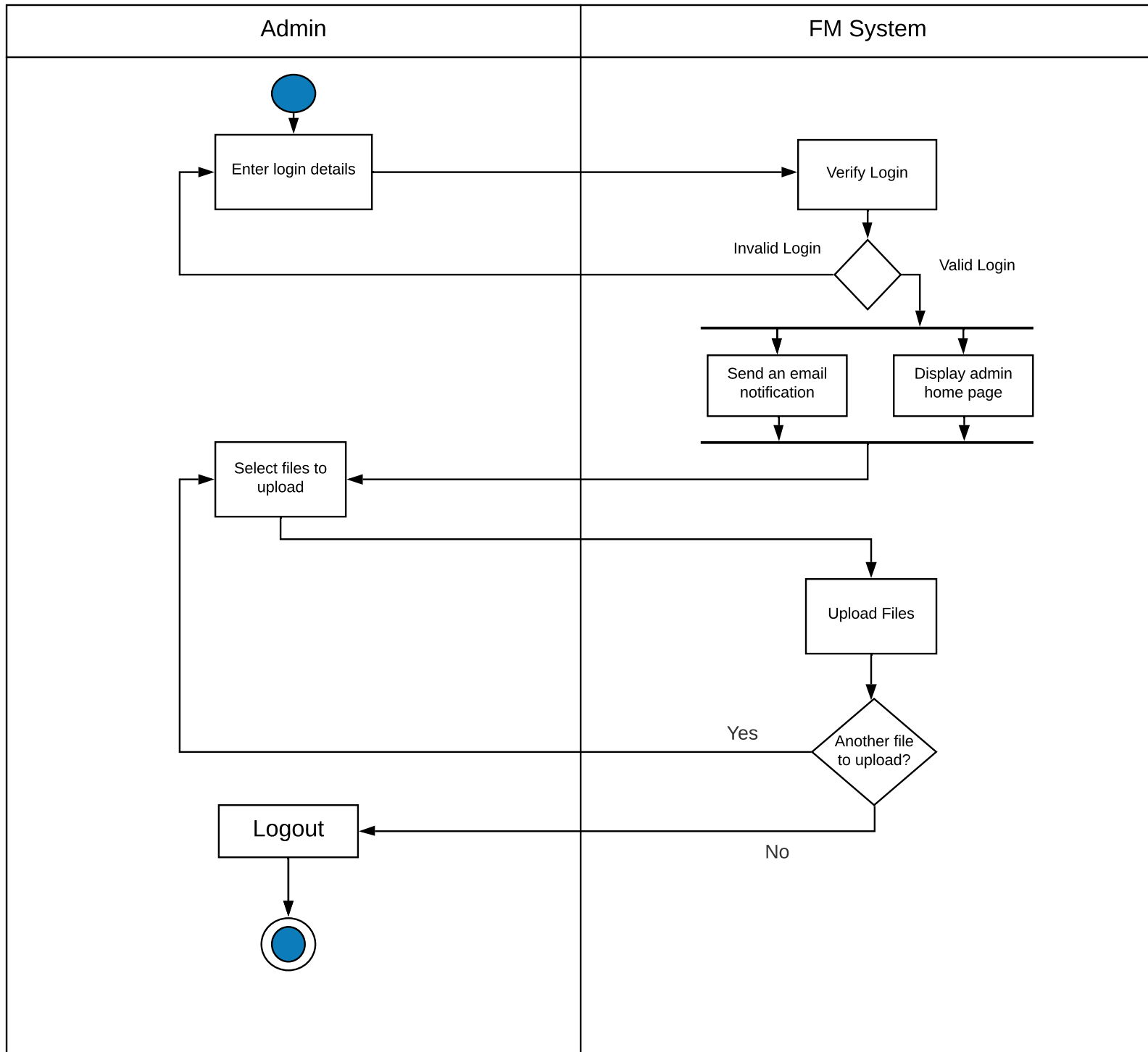


ADMIN - MAKE TRANSACTIONS

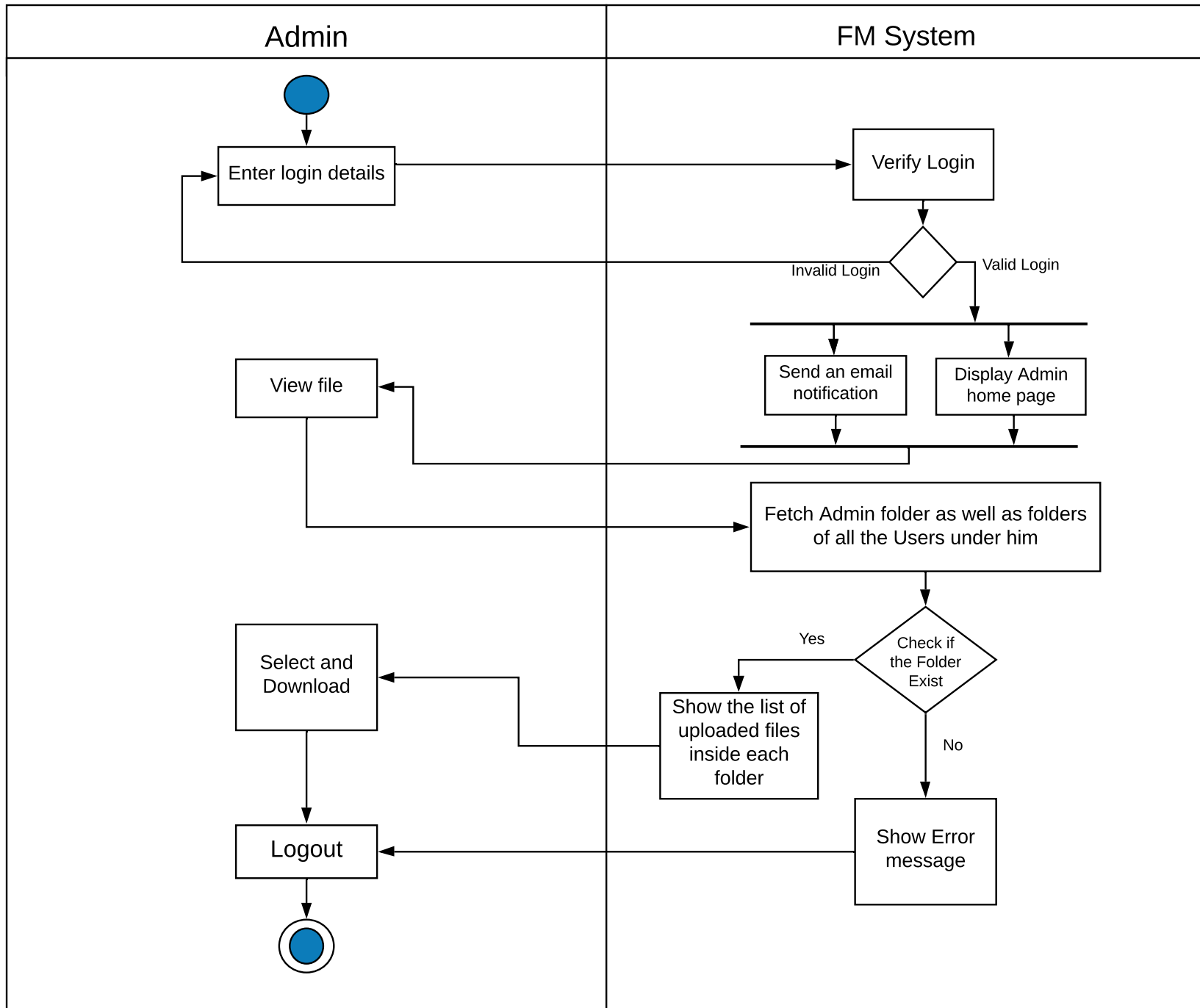




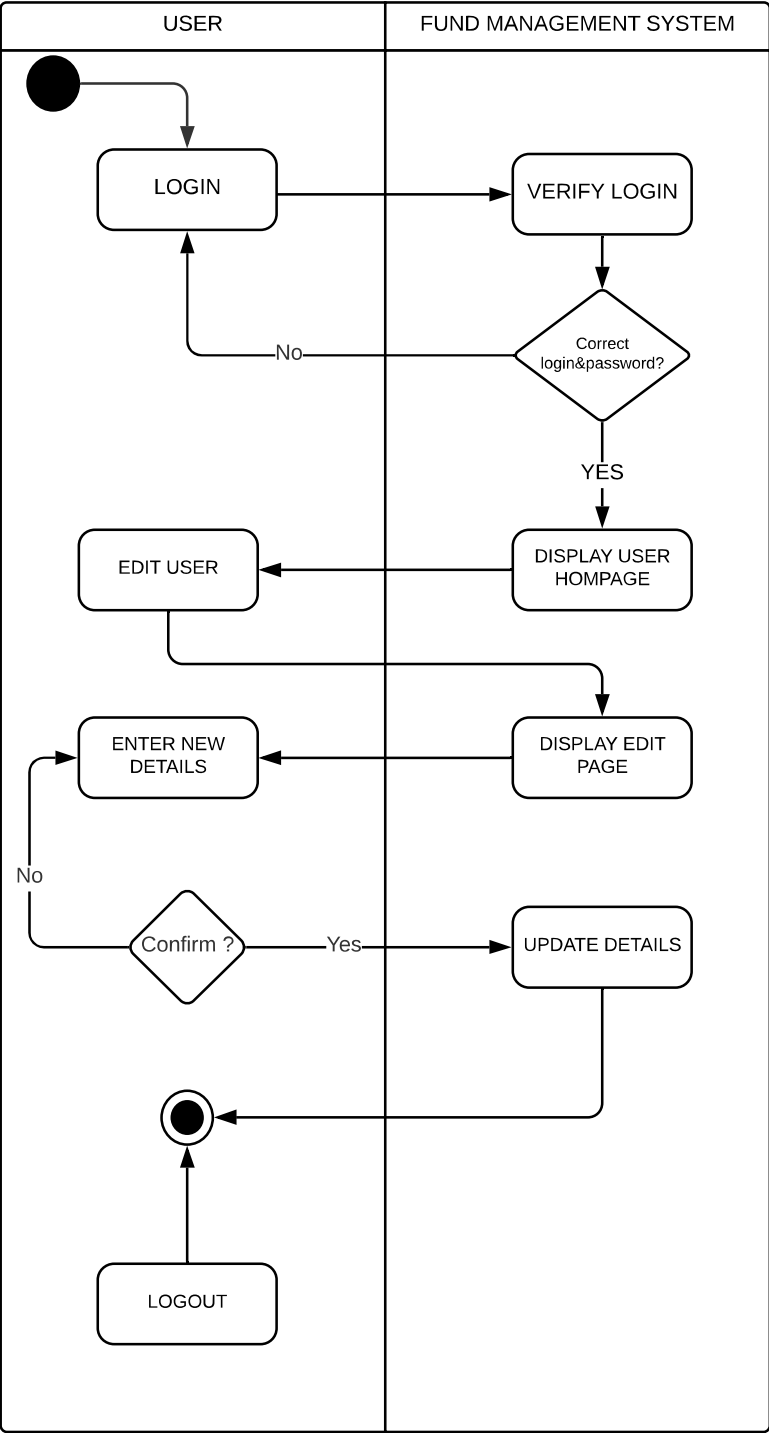
Admin File Upload



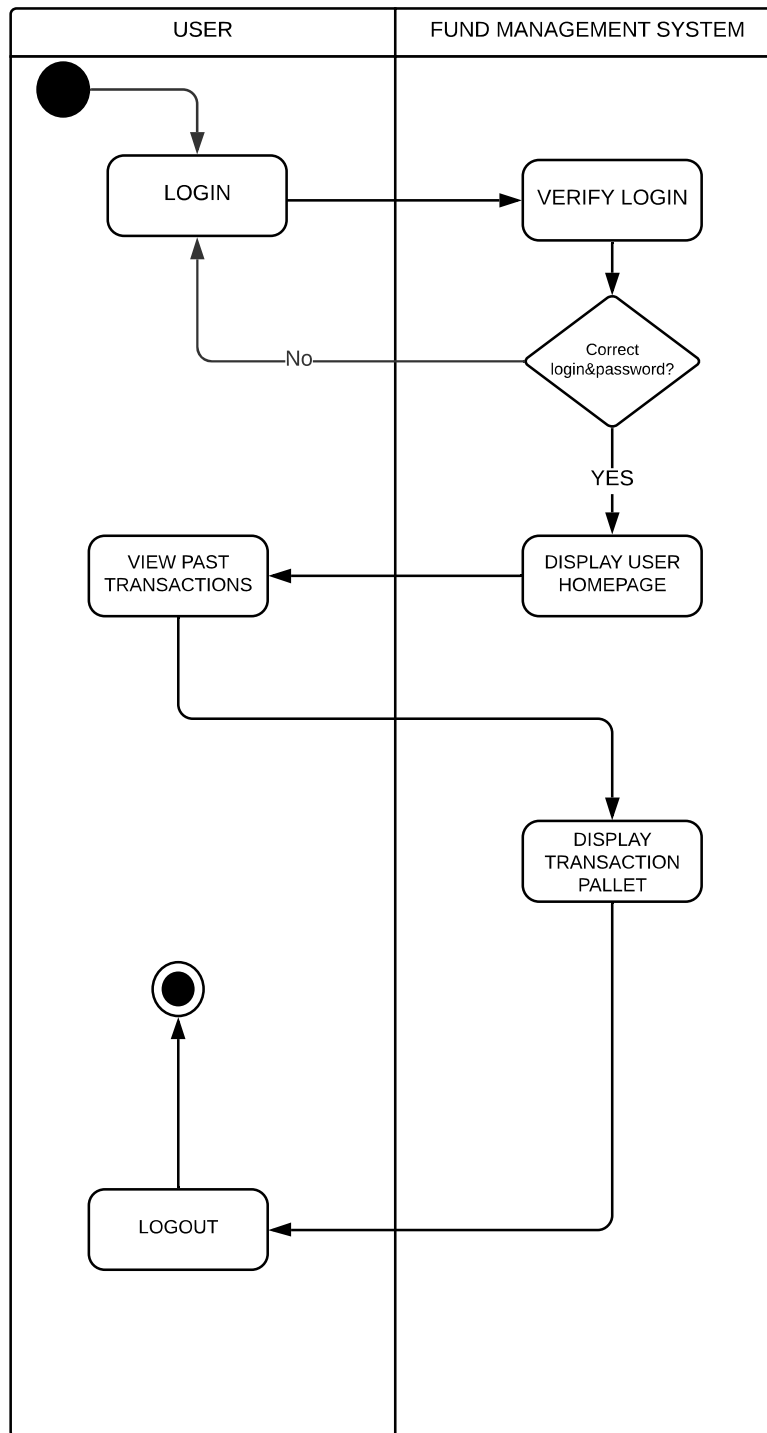
Admin View File



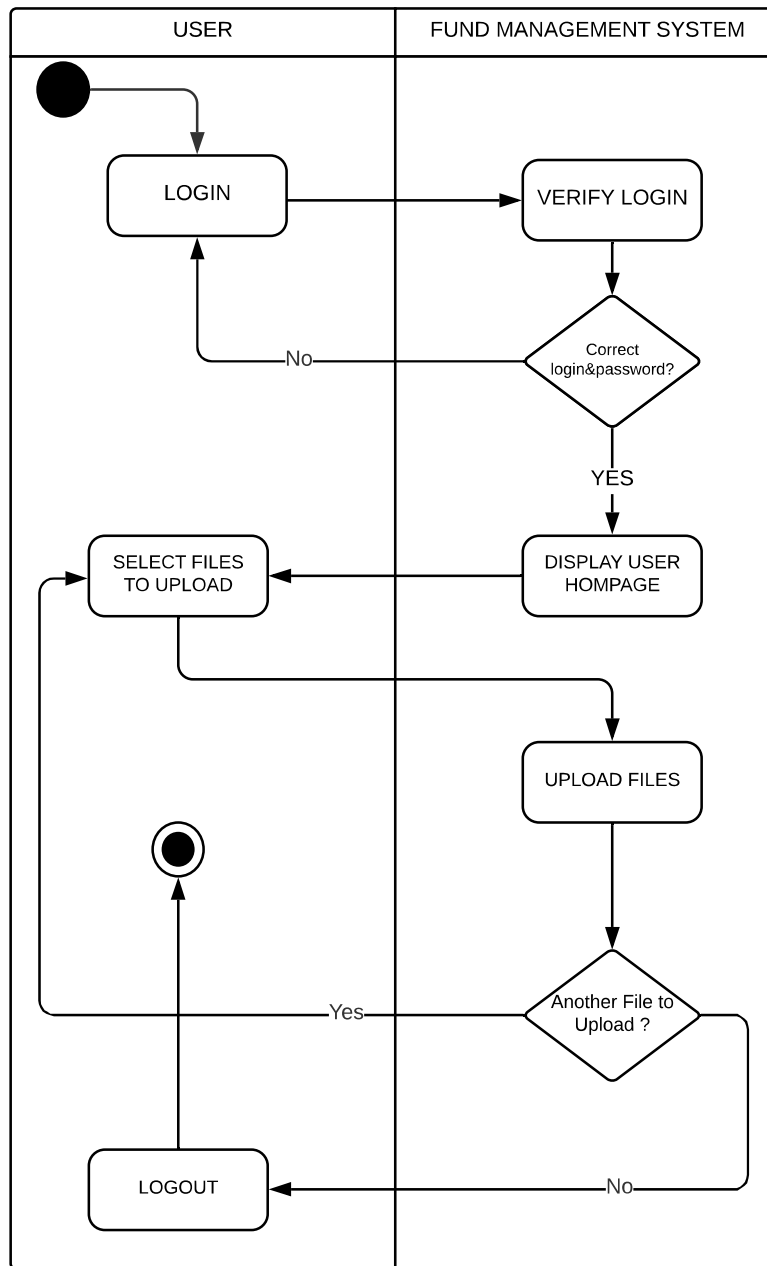
USER - EDIT DETAILS



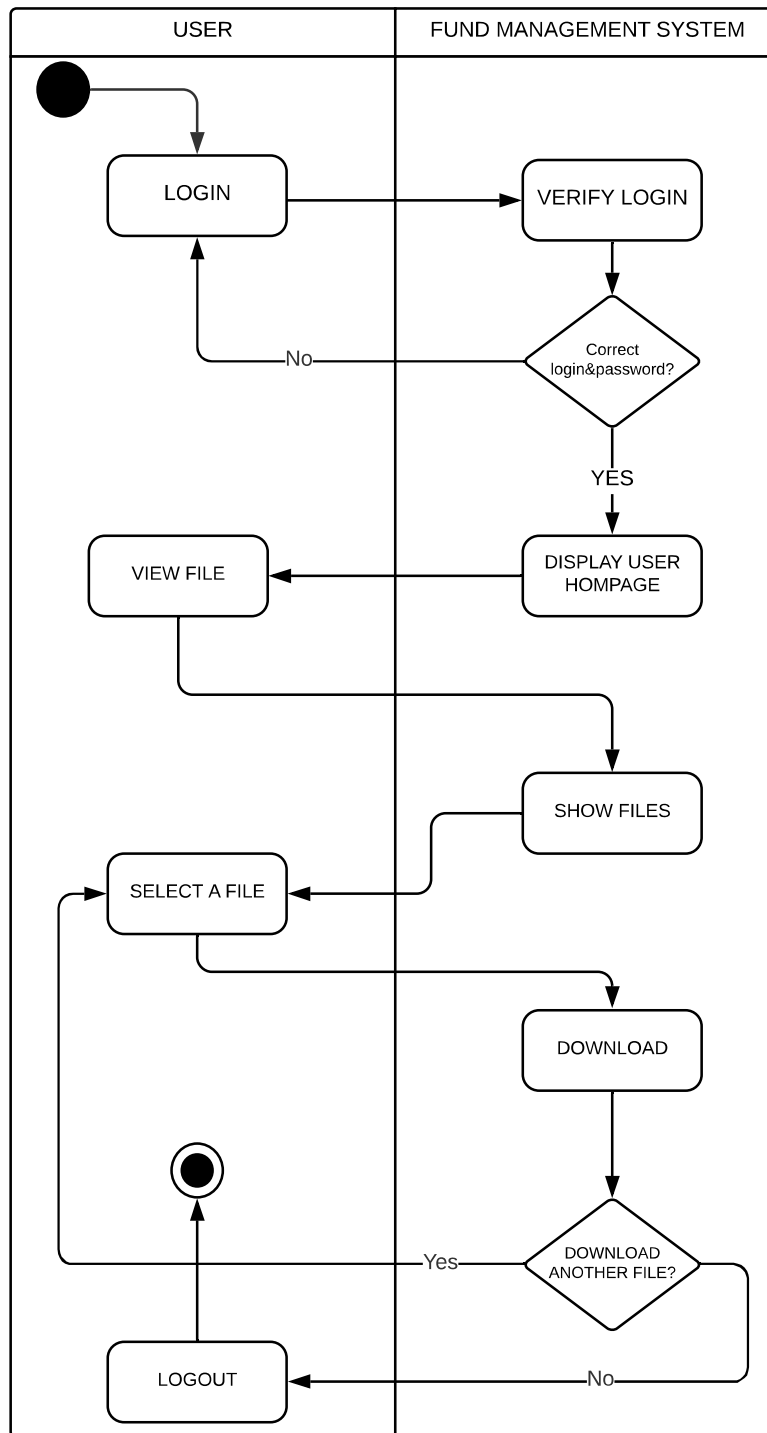
USER -TRANSACTINO LOG



USER - UPLOAD FILE



USER - VIEW_FILE



E-R Diagram

