



Software Engineering

Part 1

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Table of Contents

Introduction	3
Gantt Chart	4
Requirements List	5
Functional Requirements.....	5
Non-Functional Requirements	5
New Functionalities	5
Use Case Model	6
KAOS and BPMN Models	7
Register User and Login.....	8
Edit Profile.....	10
Follow User	11
Block User	12
Watch Story.....	13
Make Story	14
Delete Story.....	15
Make Post	16
React to Post.....	17
Delete Post.....	20
Watch Feed.....	21
Search.....	22
Create Collection of Stories	23
Send Message	24
Manage Privacy.....	25
Delete Comment	26
Zoom in User Photo.....	27
Check if User is Following	28
Availability	29
Security	30
Data Integrity.....	31
Compatibility.....	32
Usability.....	33
Privacy	34
About Part 2.....	35

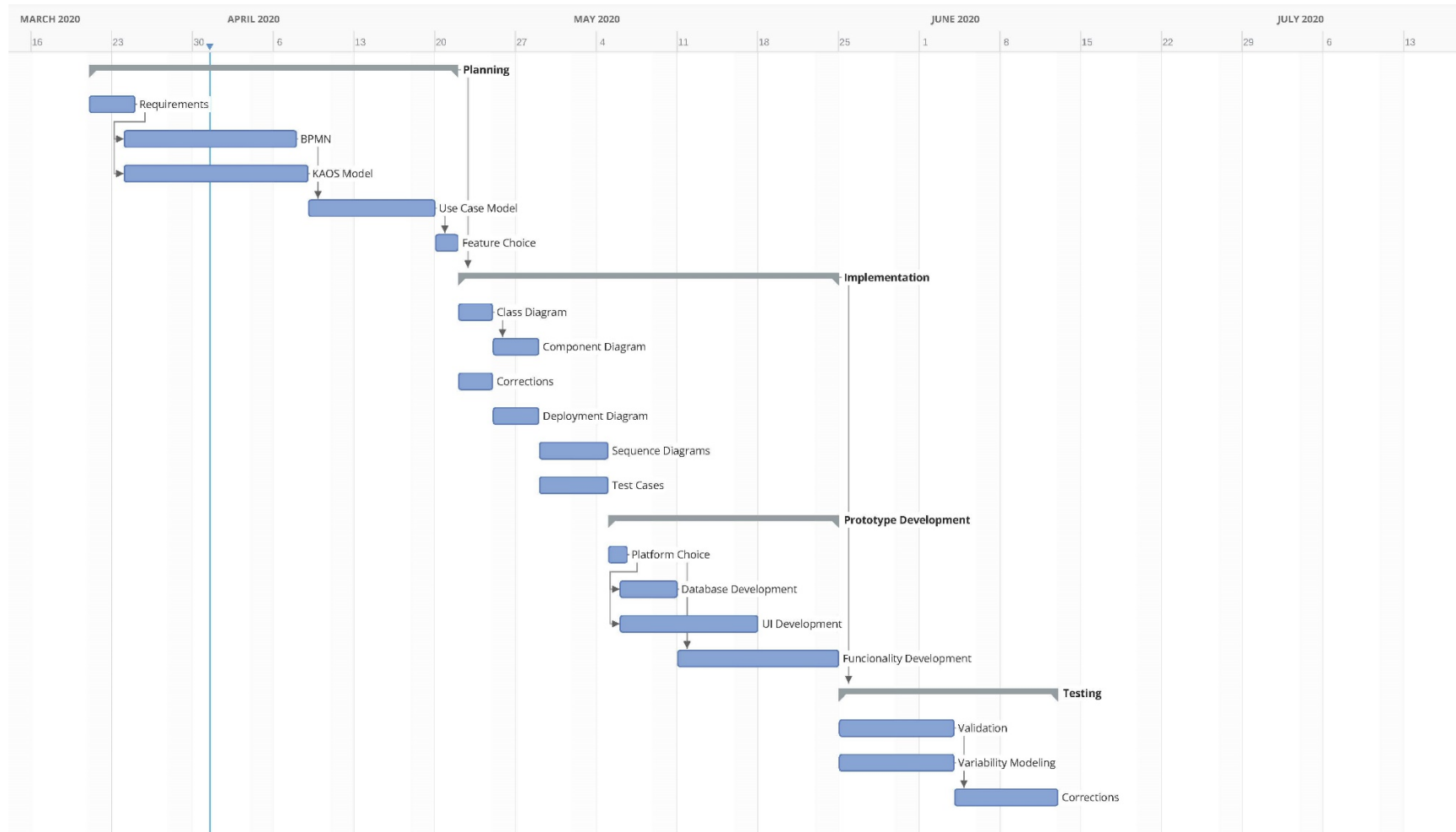
Introduction

This present report contains part of the modelling of a solution, called Instagram Plus, akin to Facebook's Instagram Social Network.

It contains the Gantt Model chart of the project development, the list of the requirements and the KAOS and BPMN models of all its functionalities.

Finally, it contains a proposal of the features to be developed in the next phase of the project and a use case model of the application.

Gantt Chart



Requirements List

Functional Requirements

- Register User
- Login
- Edit Profile
- Follow User
- Block User
- Watch Story
- Make Story
- Delete Story
- Make Post
- React to Post
- Save Post
- Delete Post
- Watch Feed
- Search
- Create Collection of Stories
- Send Message
- Manage Privacy
- Delete Comment

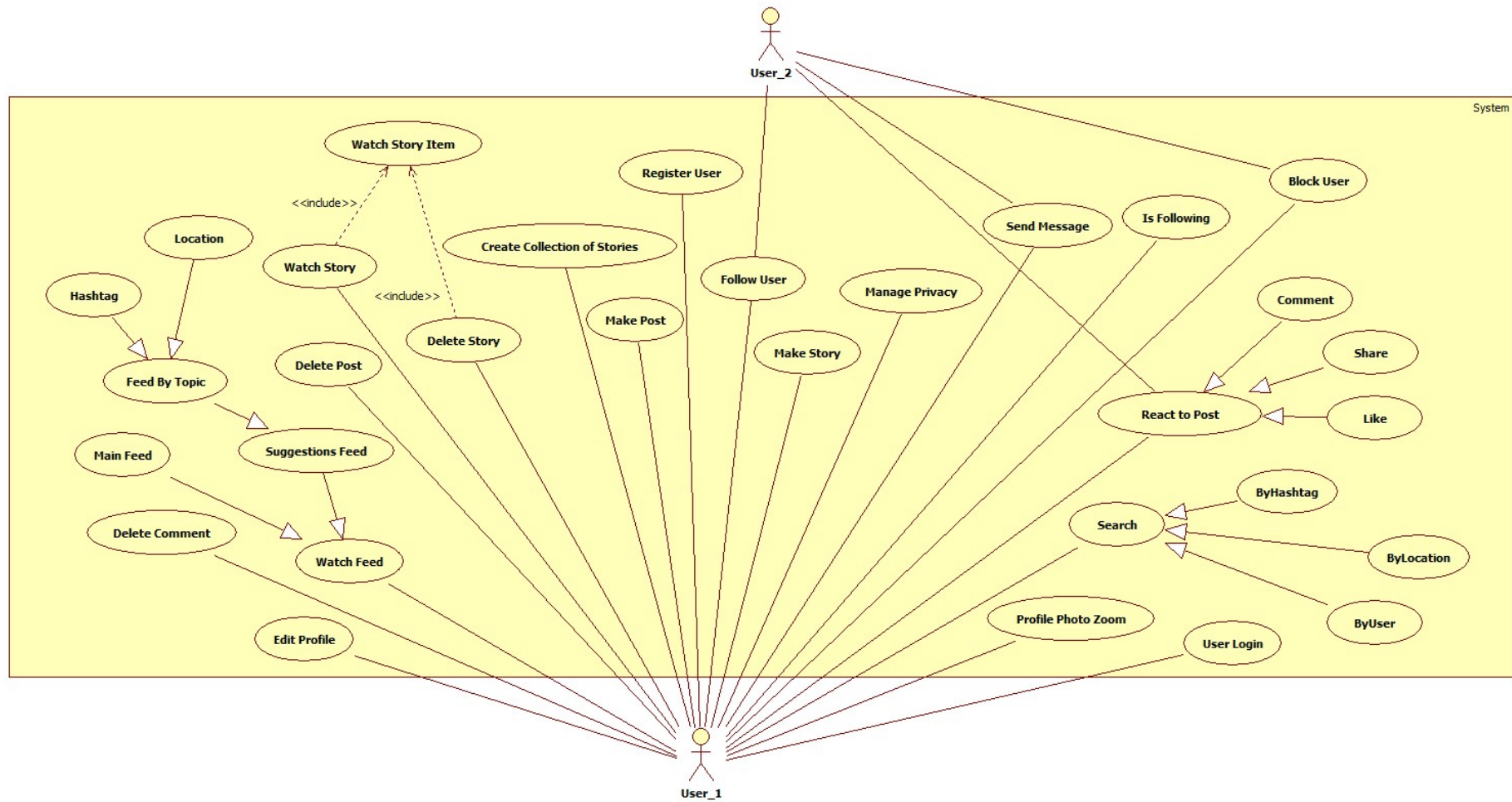
Non-Functional Requirements

- Availability
- Security
- Data Integrity
- Compatibility
- Usability
- Privacy

New Functionalities

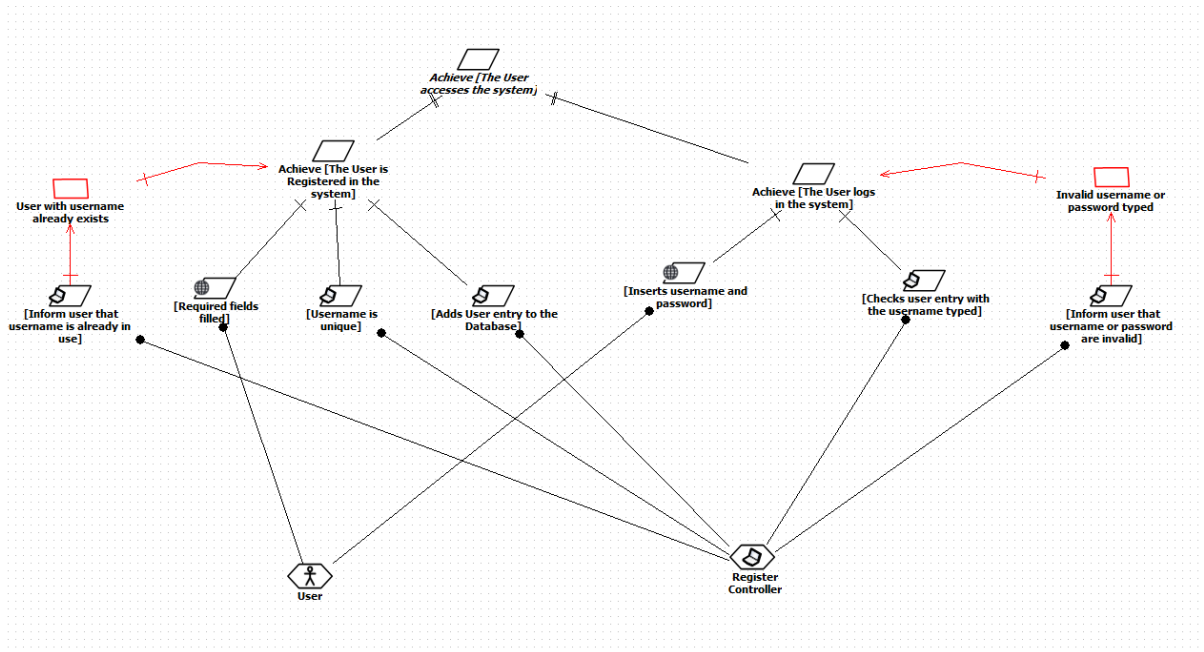
- Zoom in User Photo
- Check if User is Following

Use Case Model

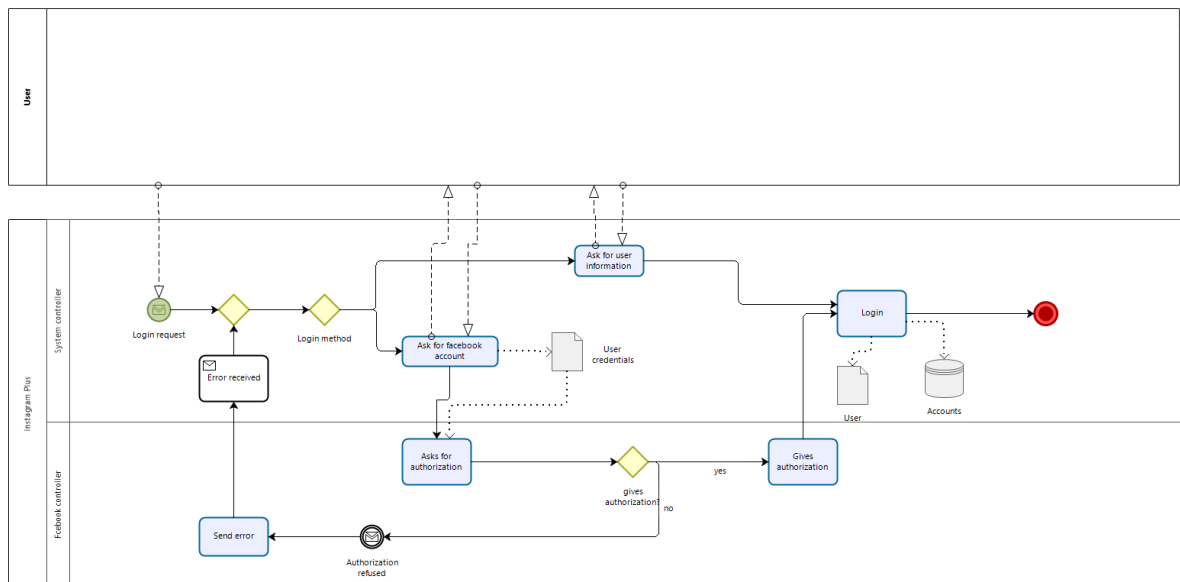


KAOS and BPMN Models

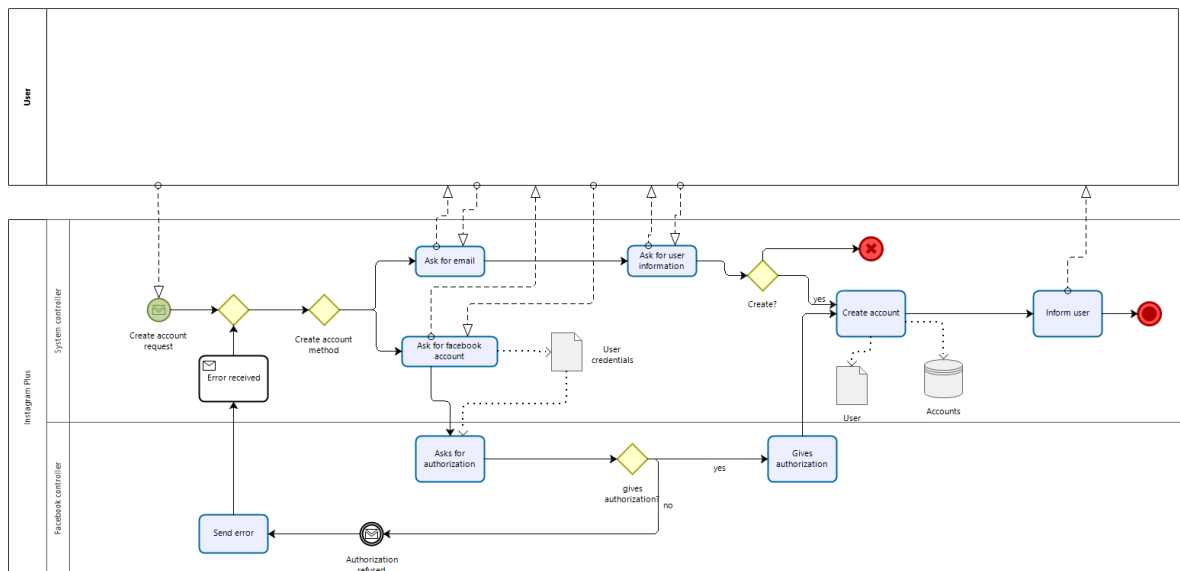
Register User and Login



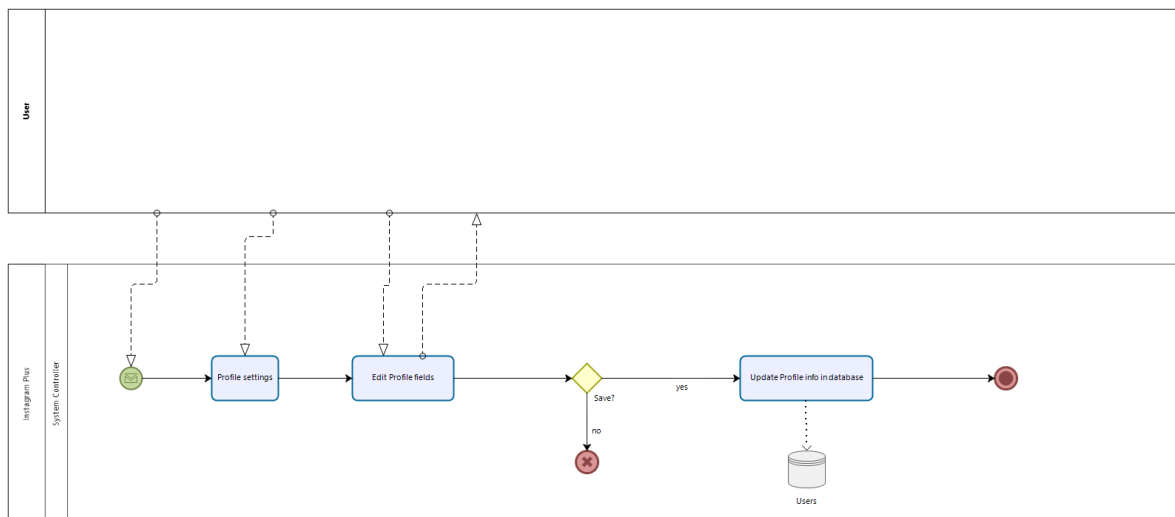
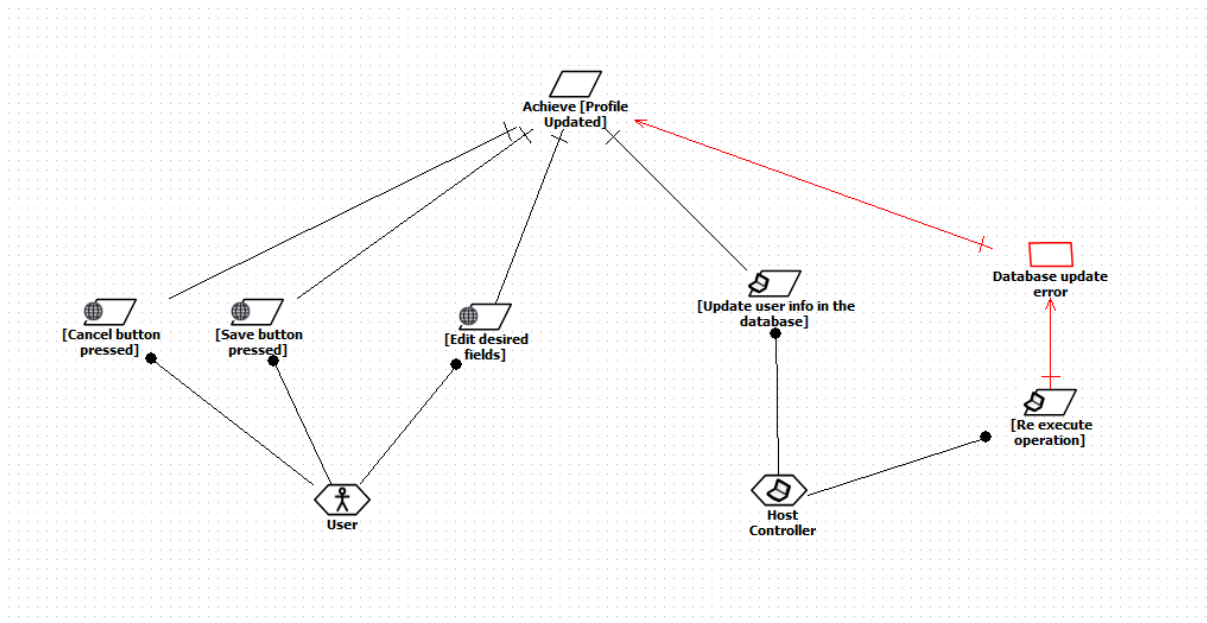
Login



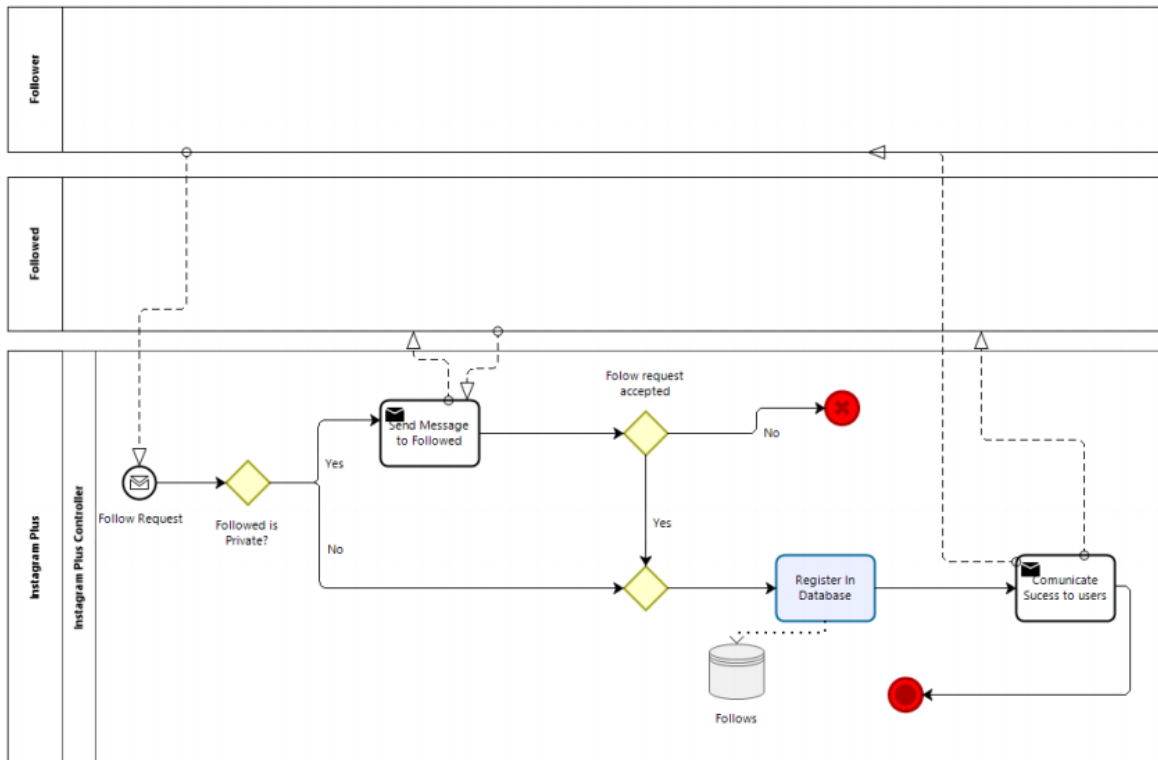
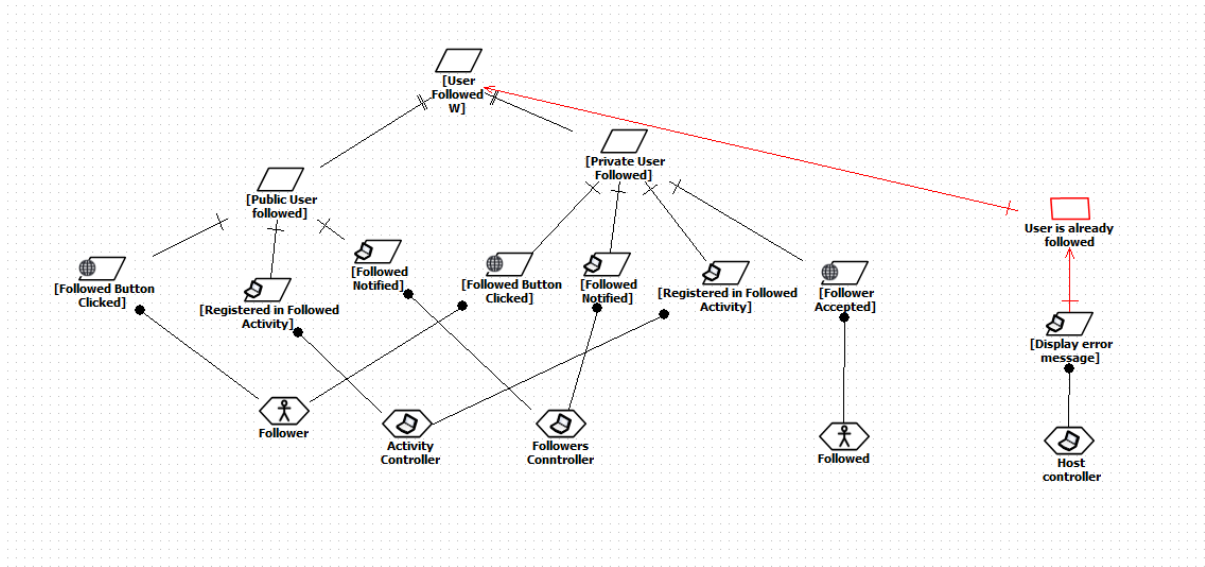
Register



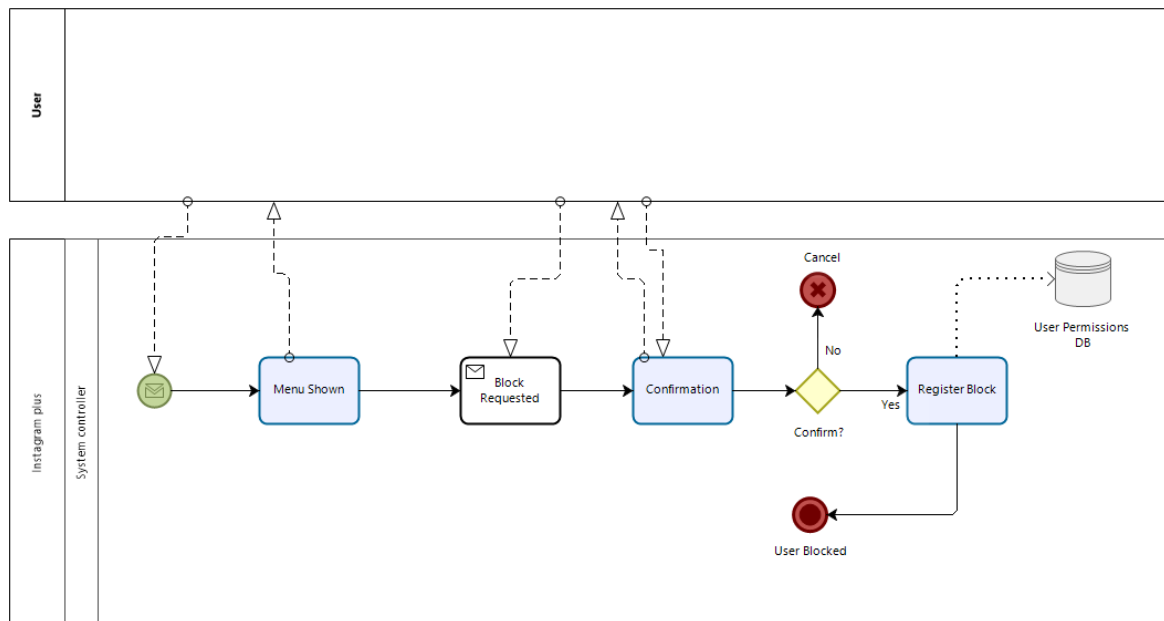
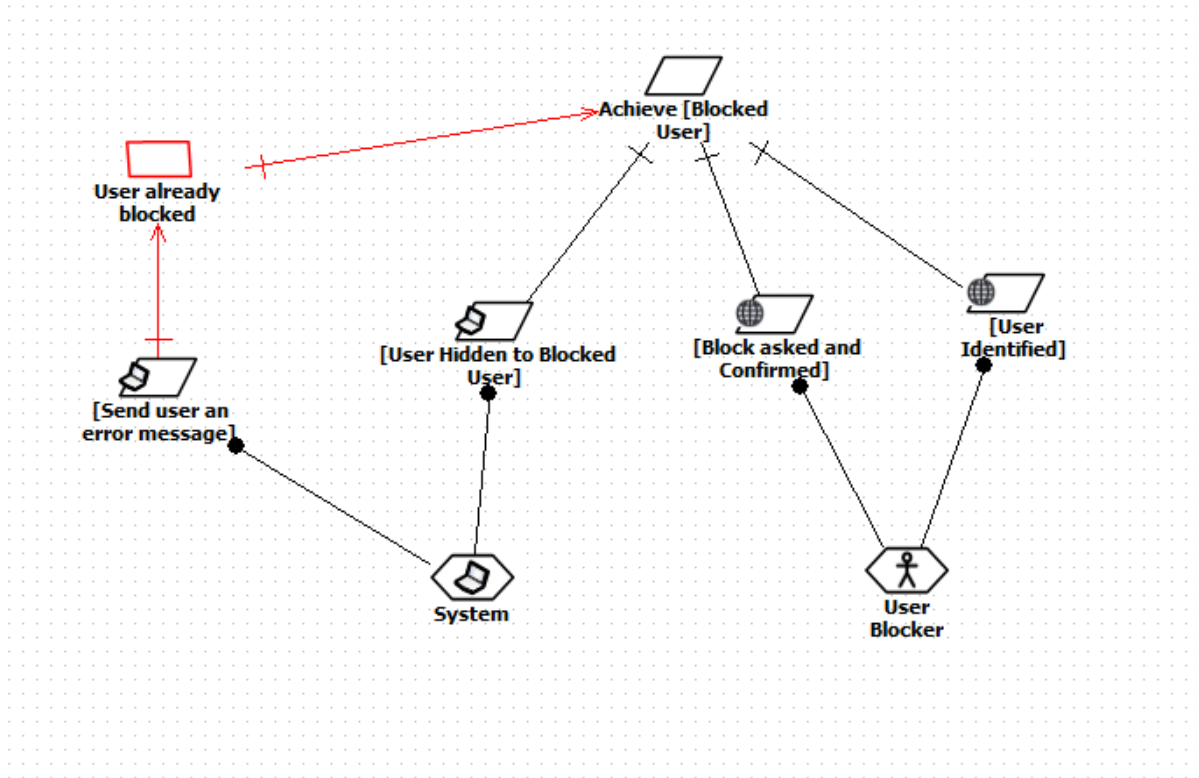
Edit Profile



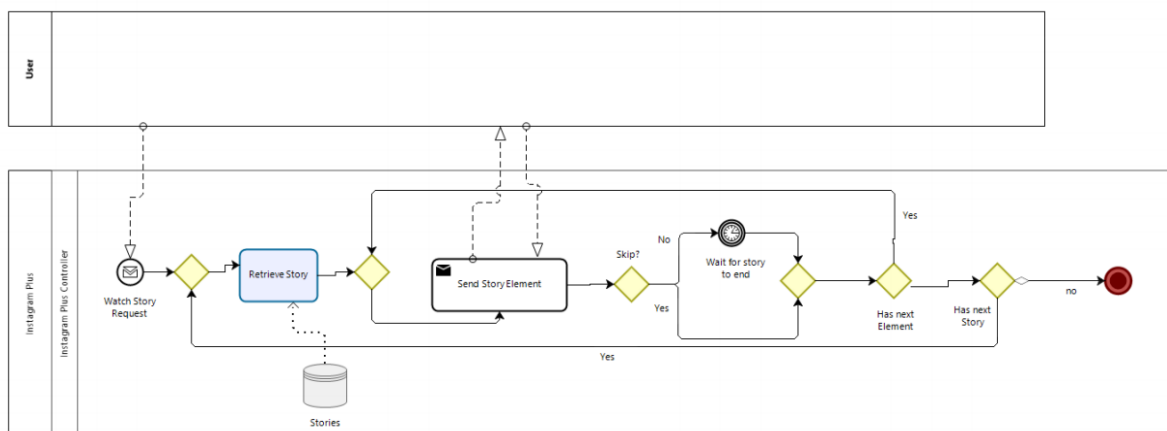
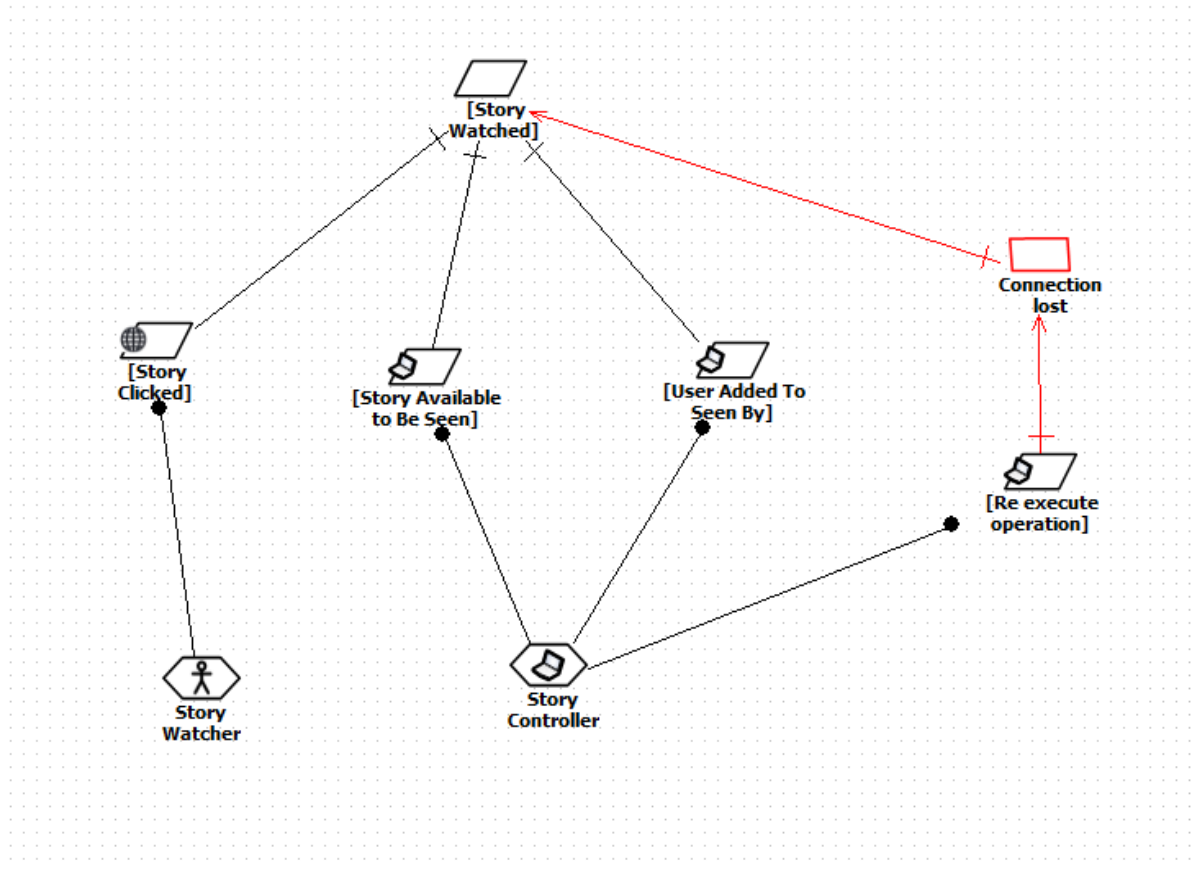
Follow User



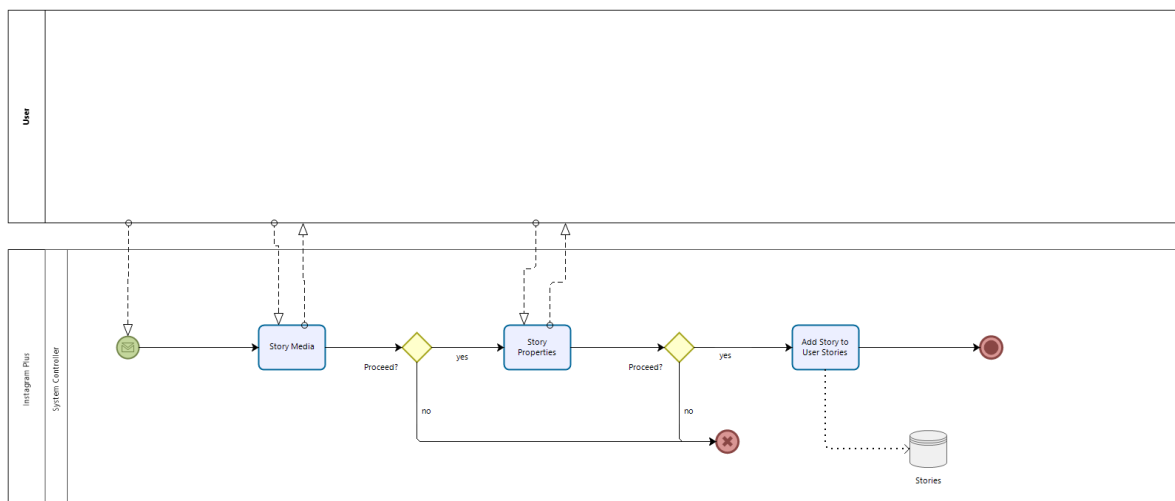
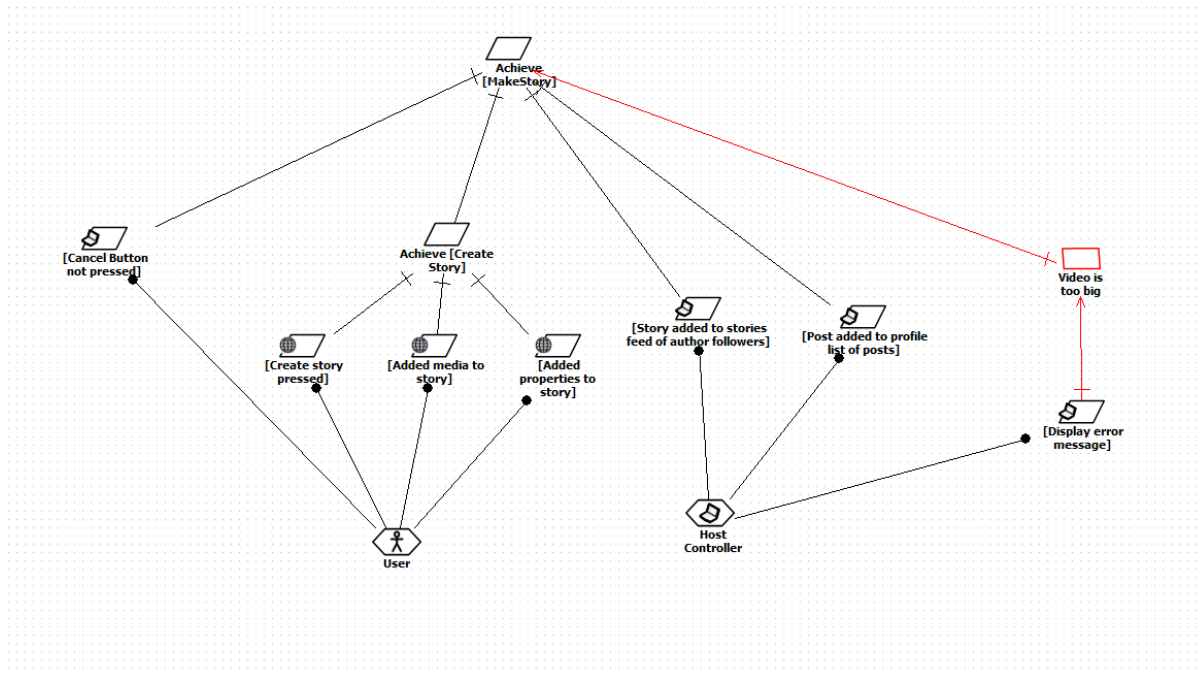
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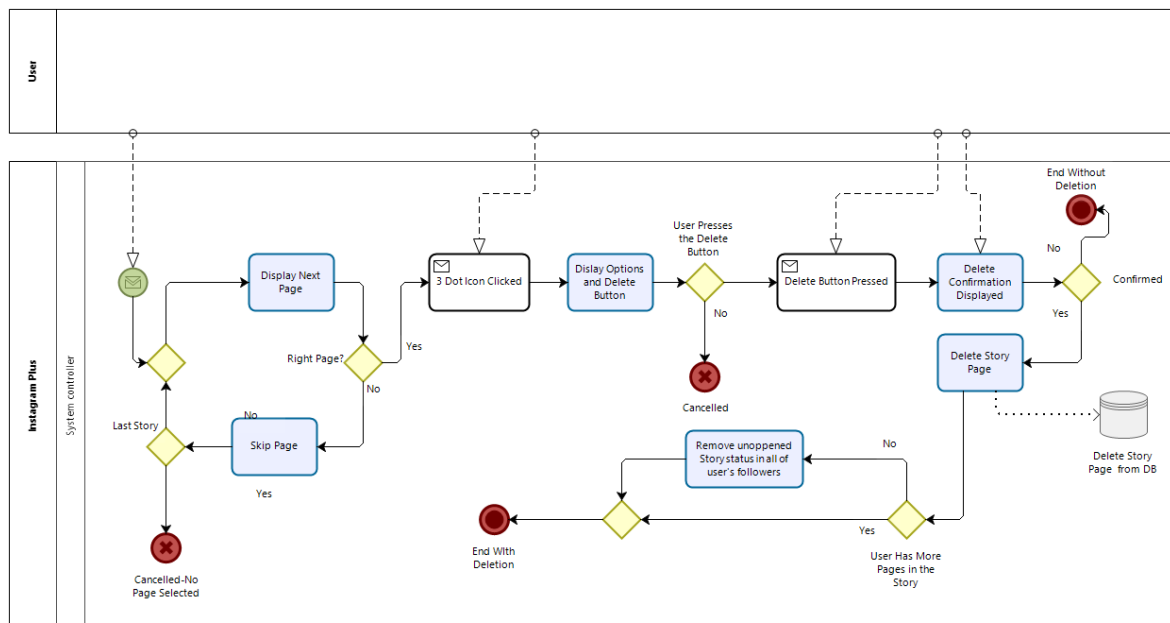
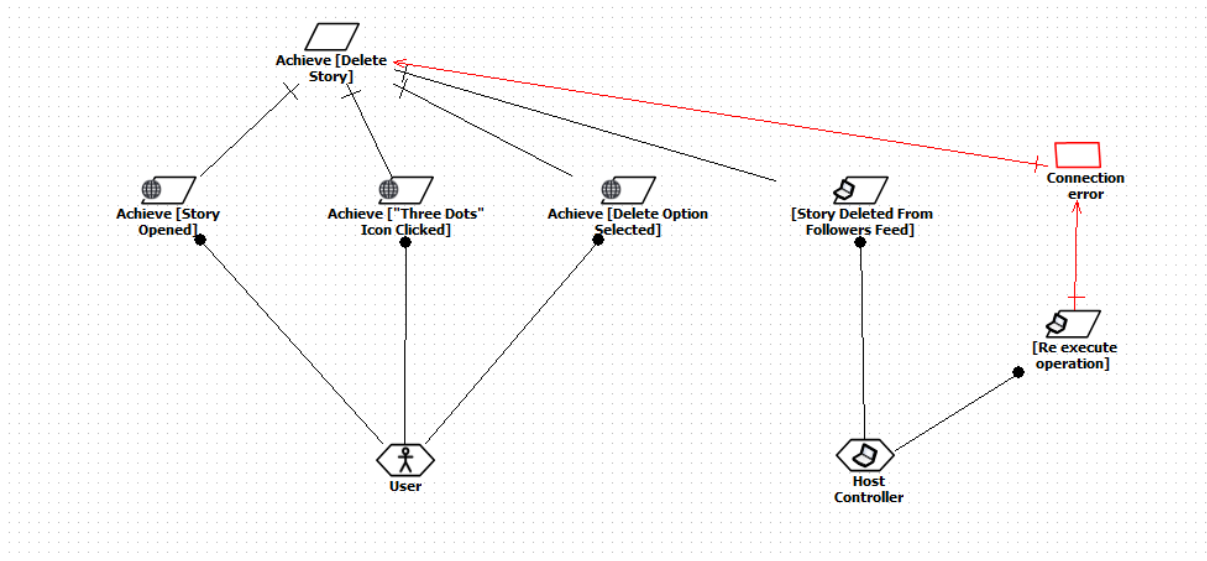
Watch Story



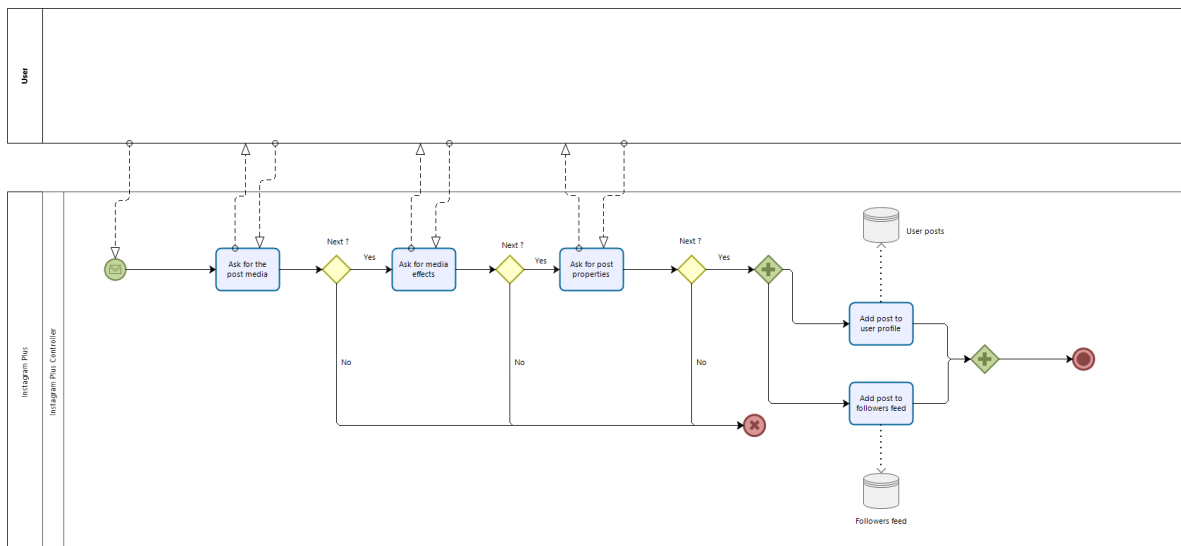
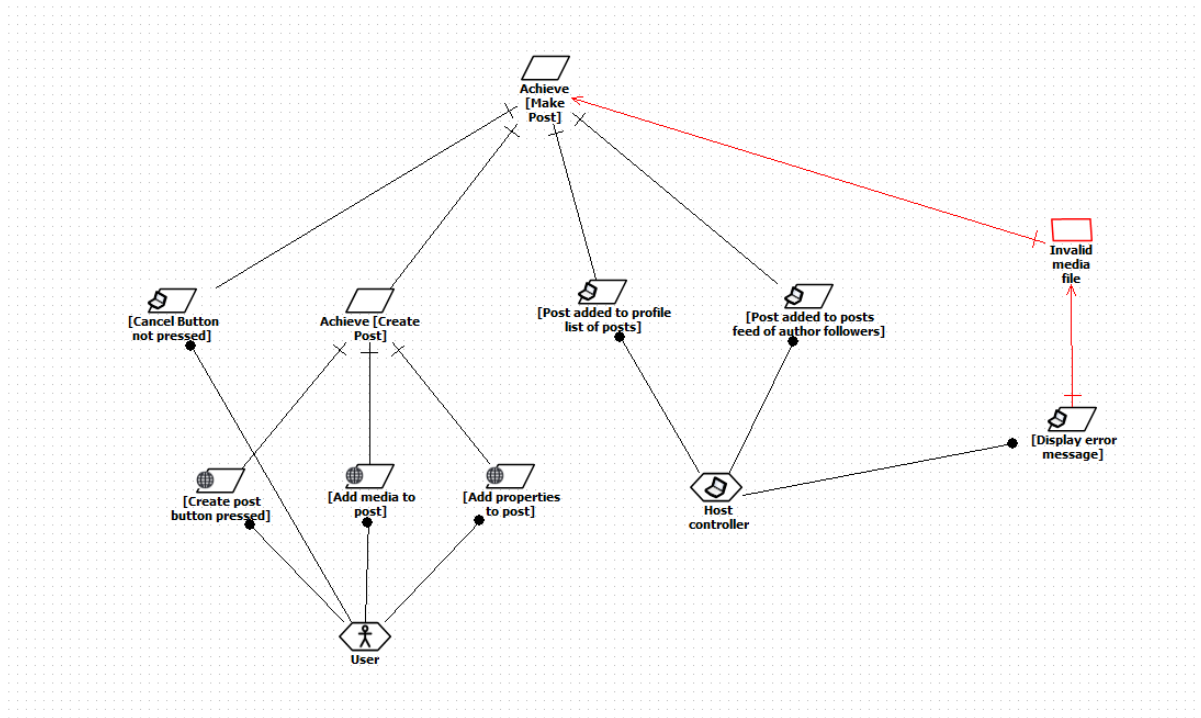
Make Story



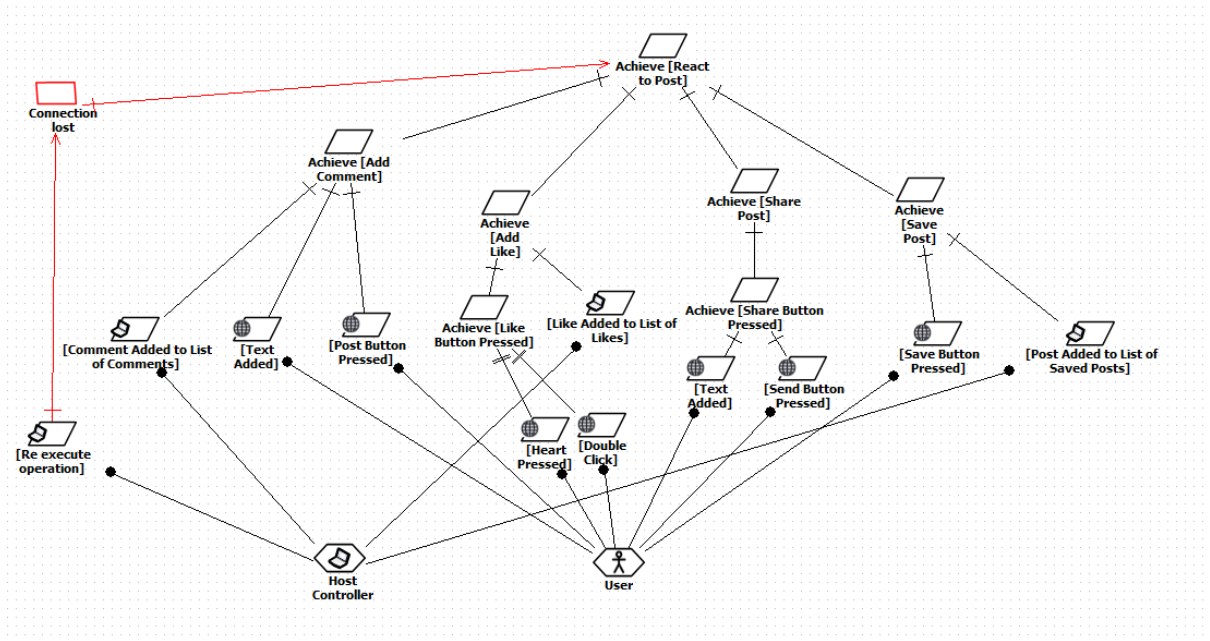
Delete Story



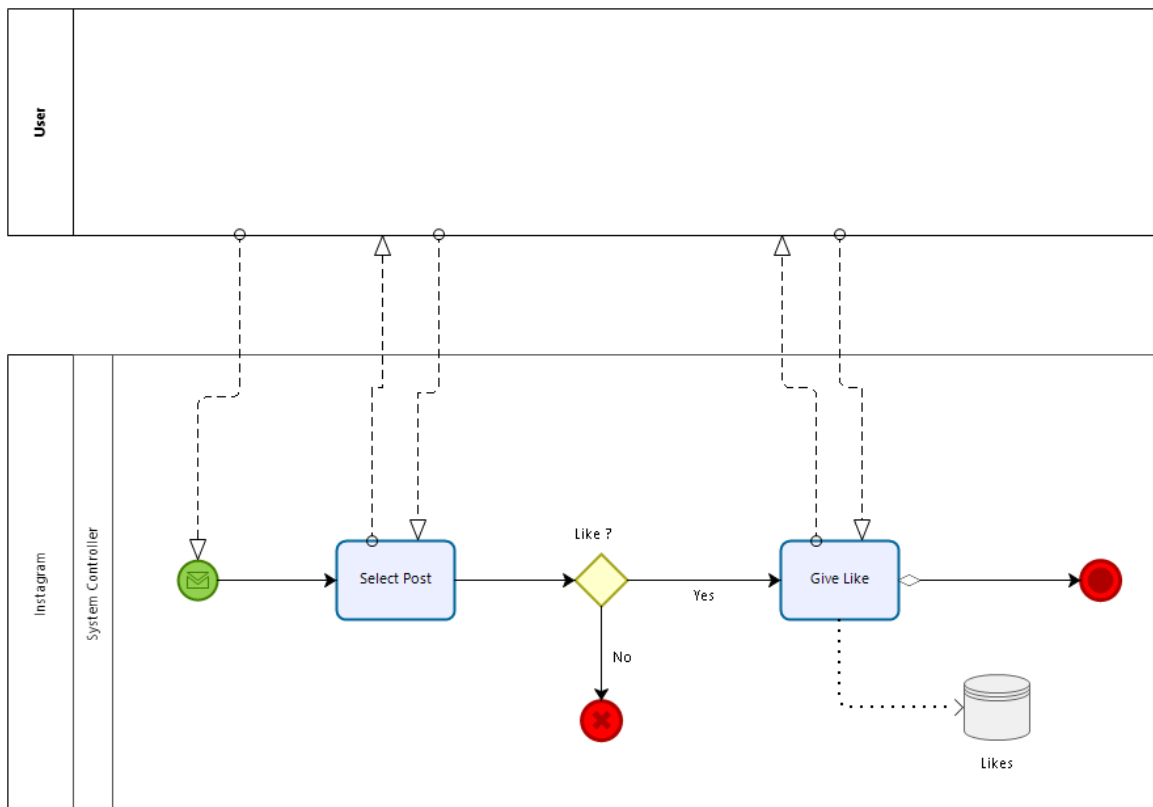
Make Post



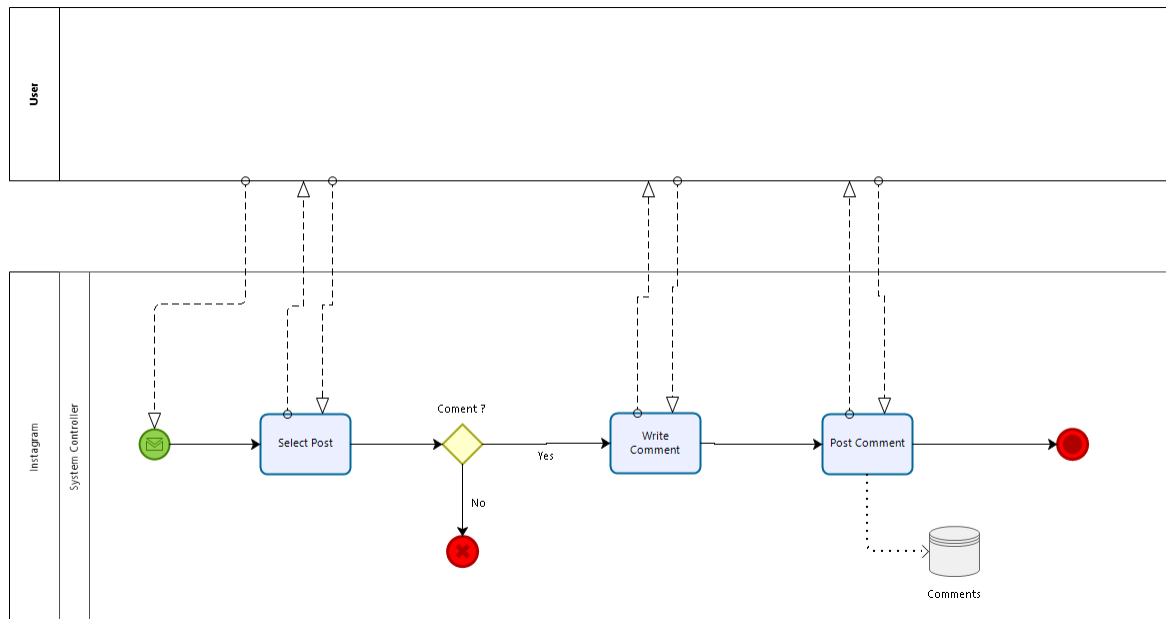
React to Post



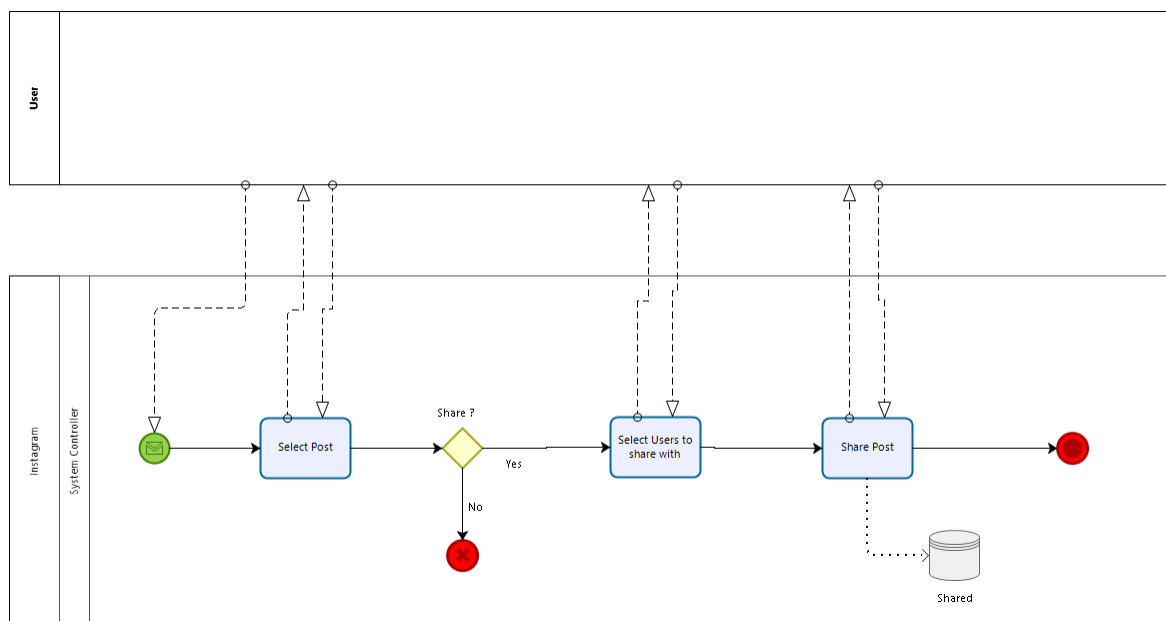
Like



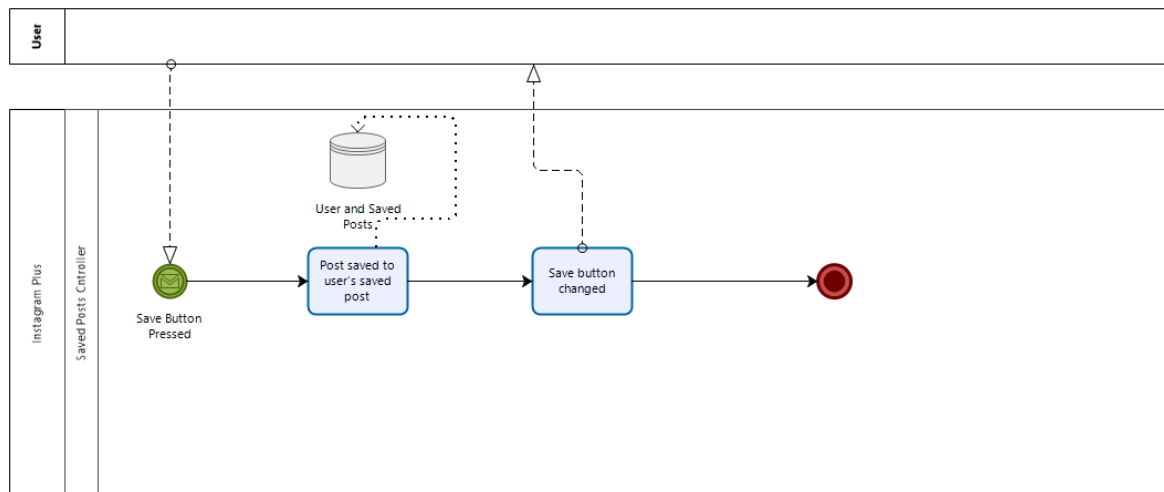
Comment



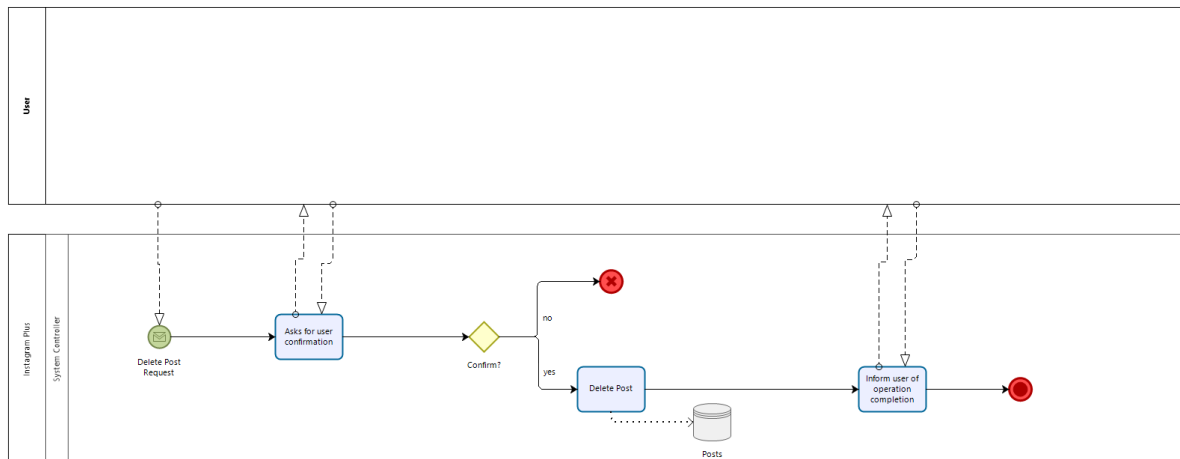
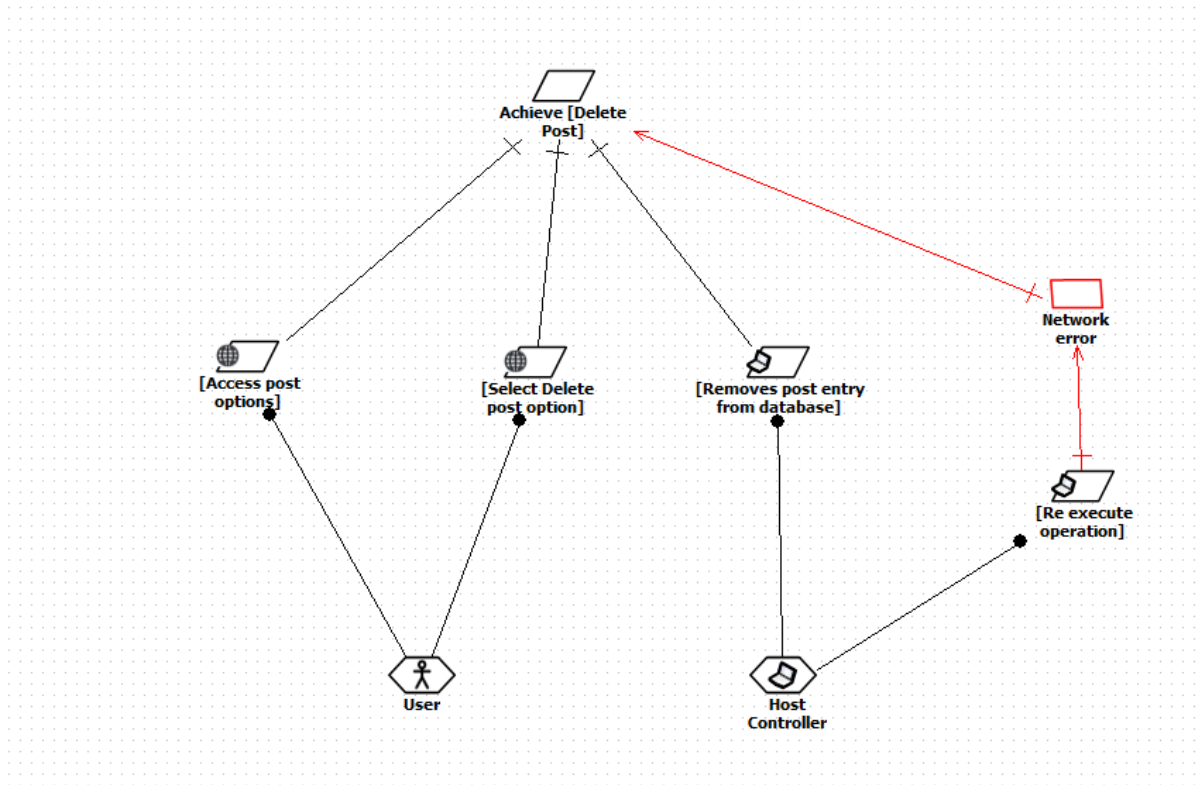
Share



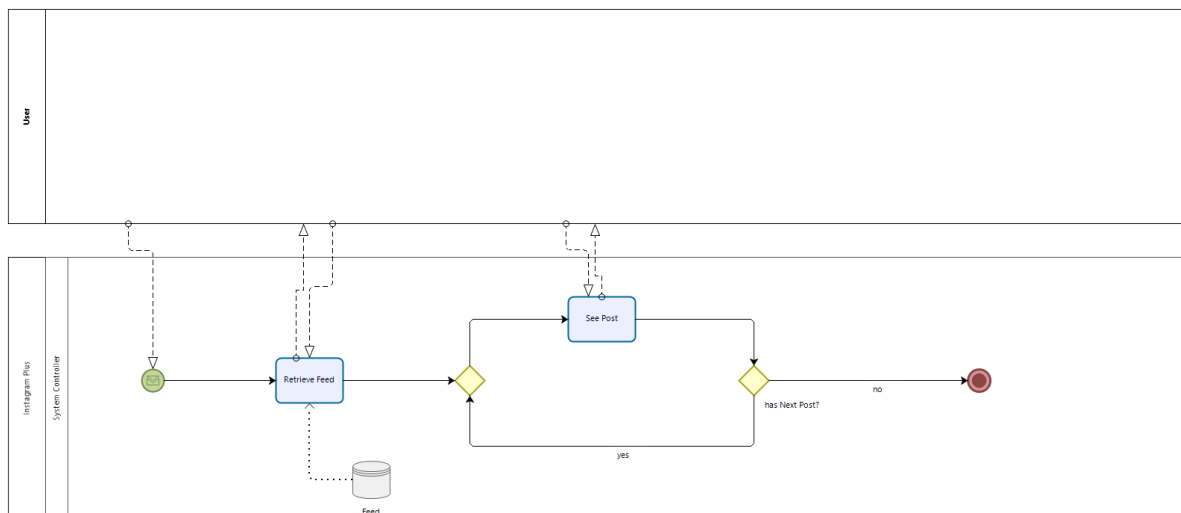
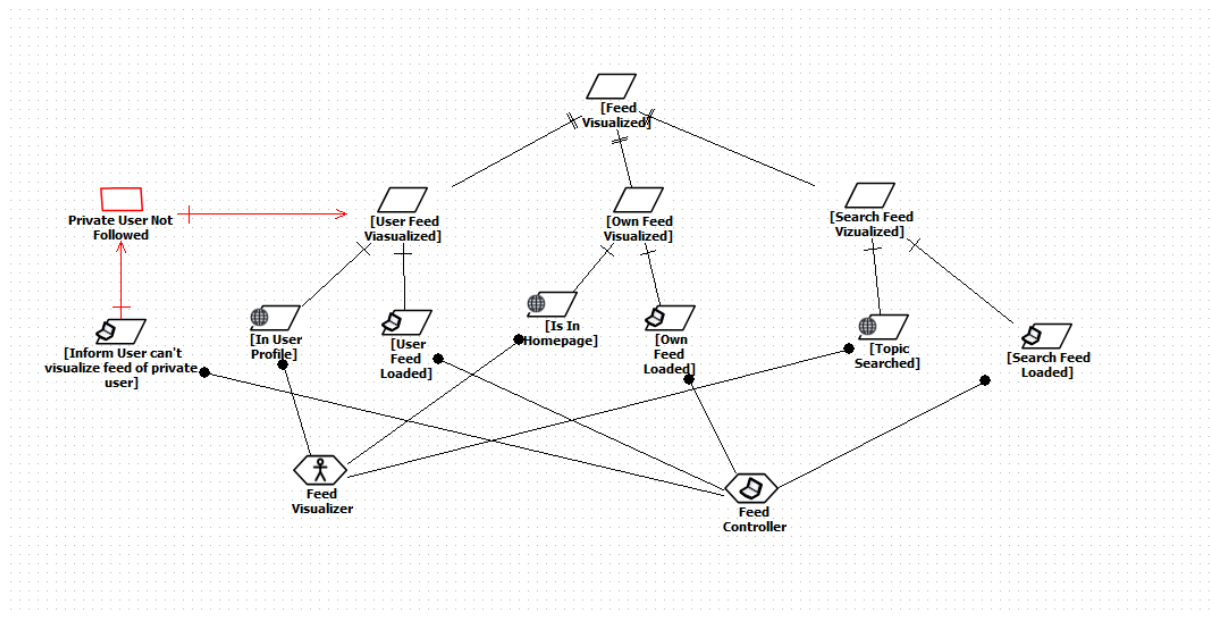
Save



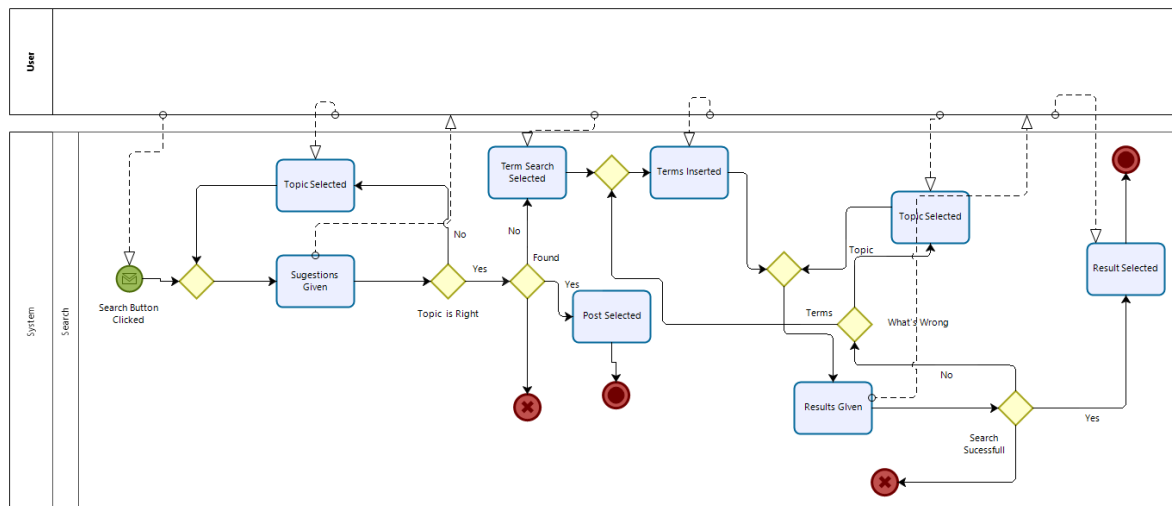
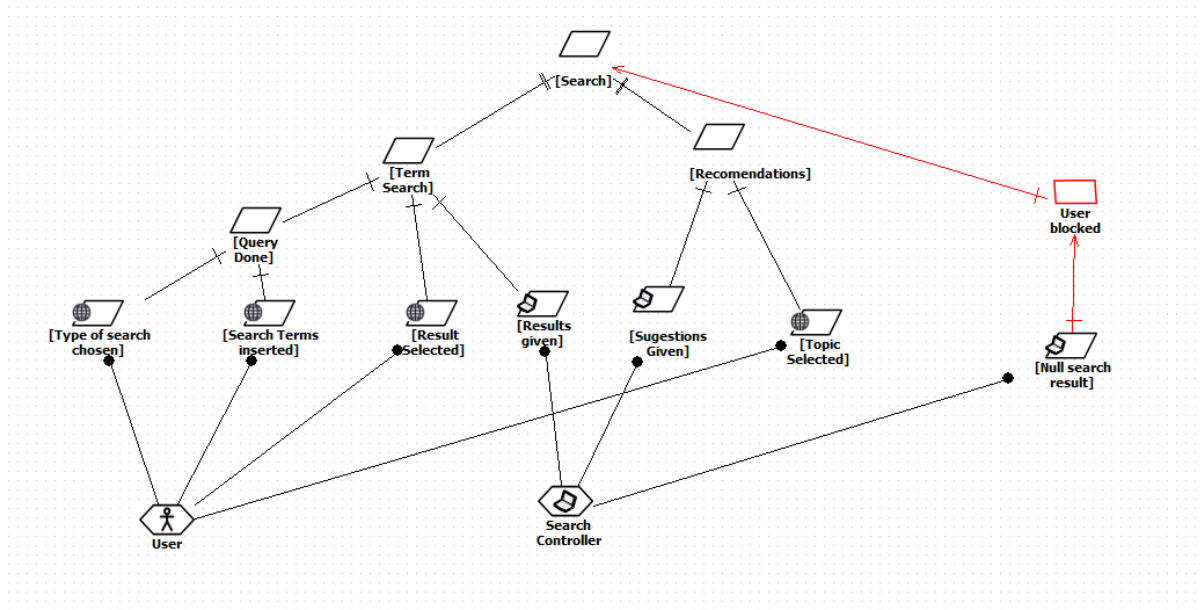
Delete Post



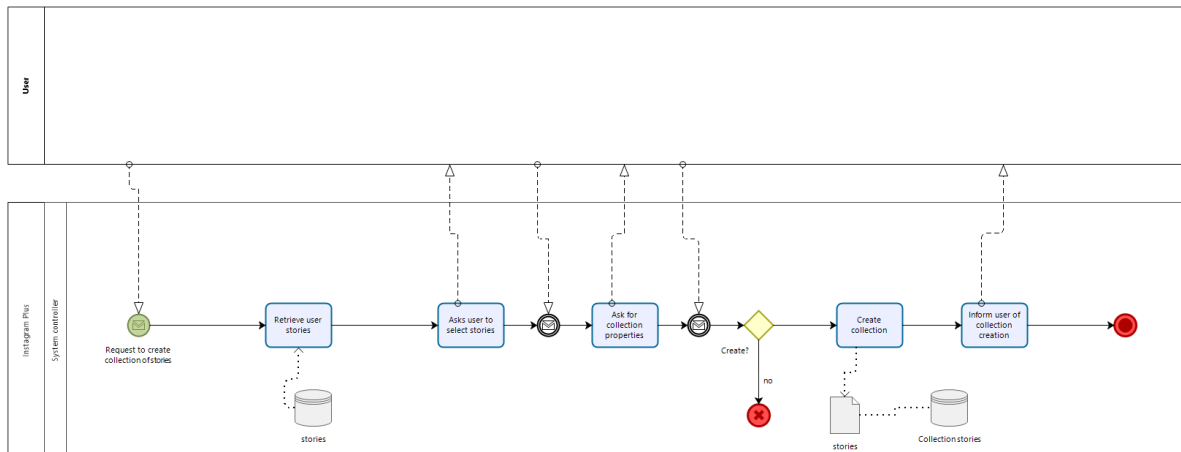
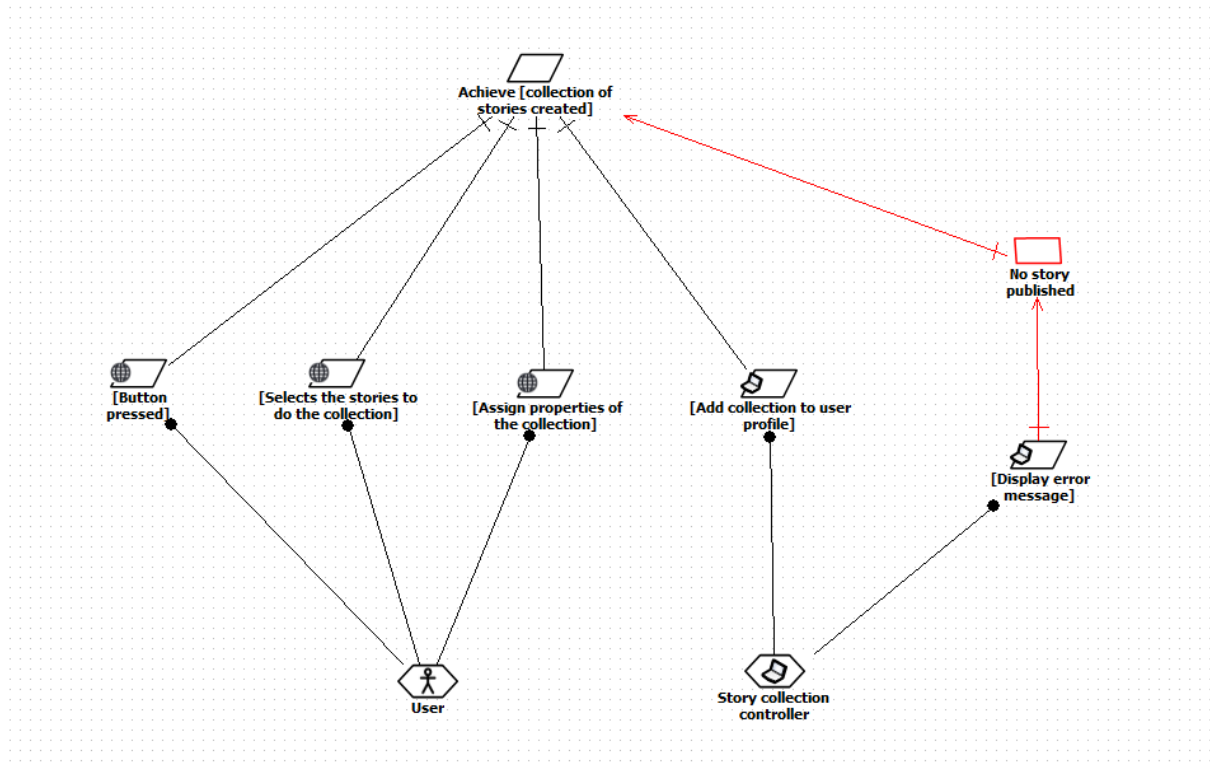
Watch Feed



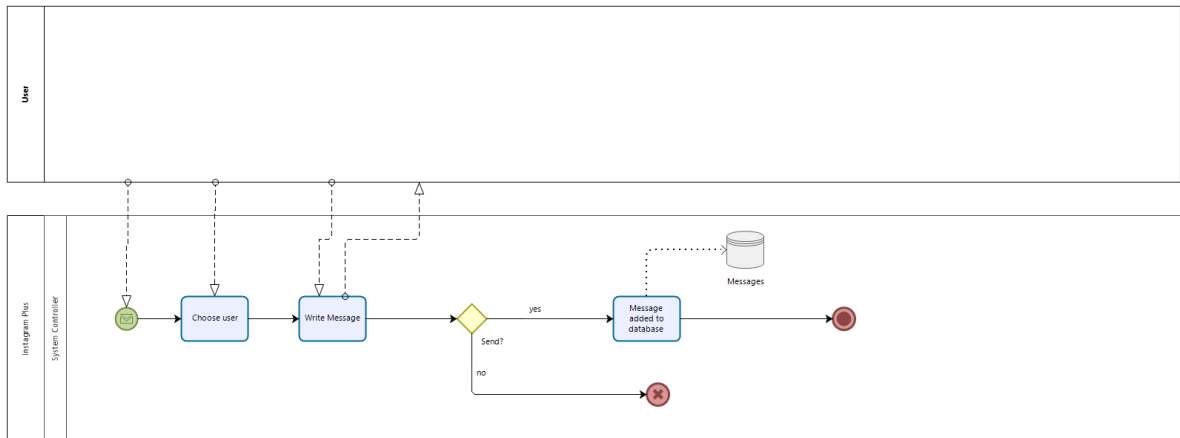
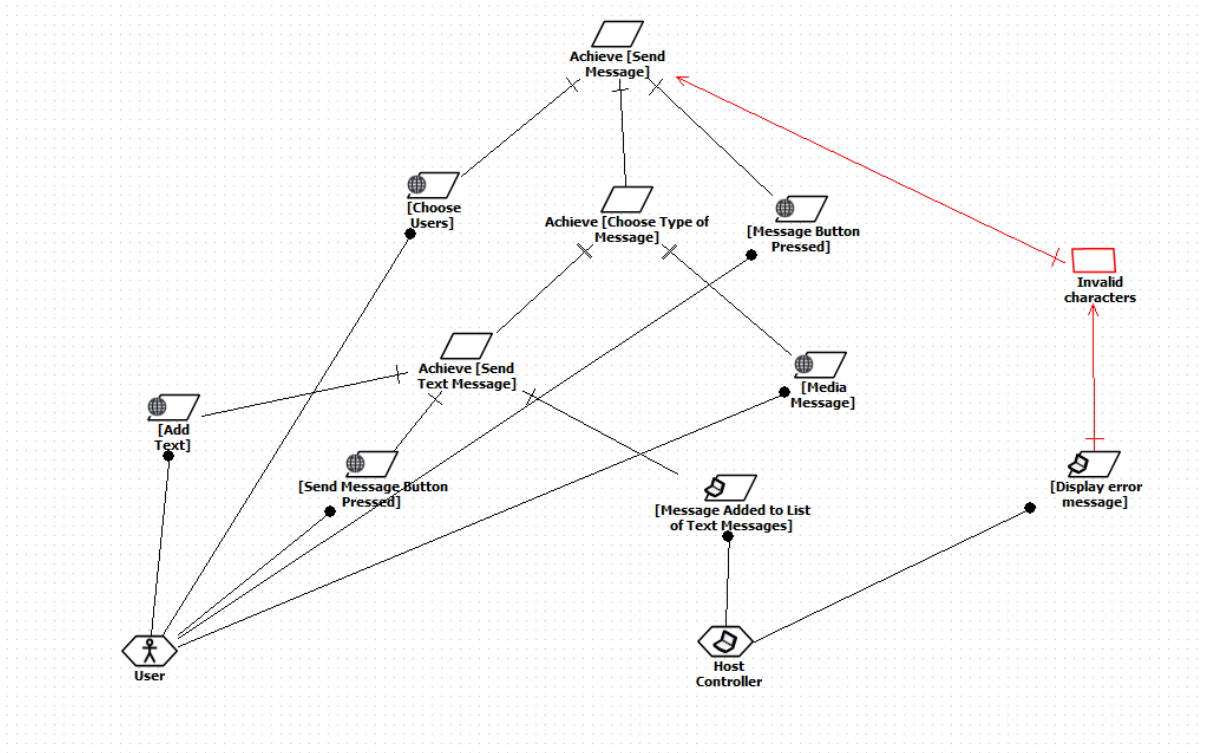
Search



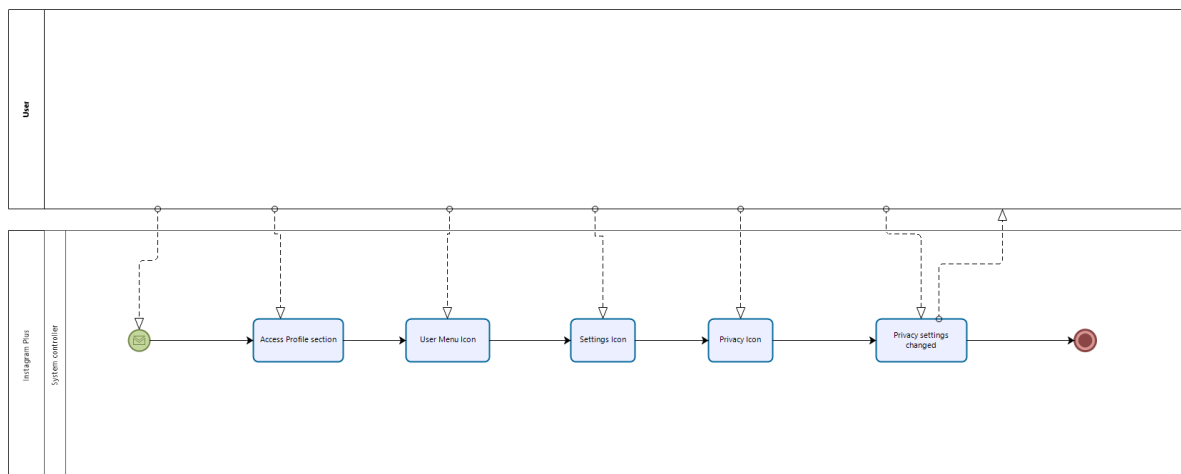
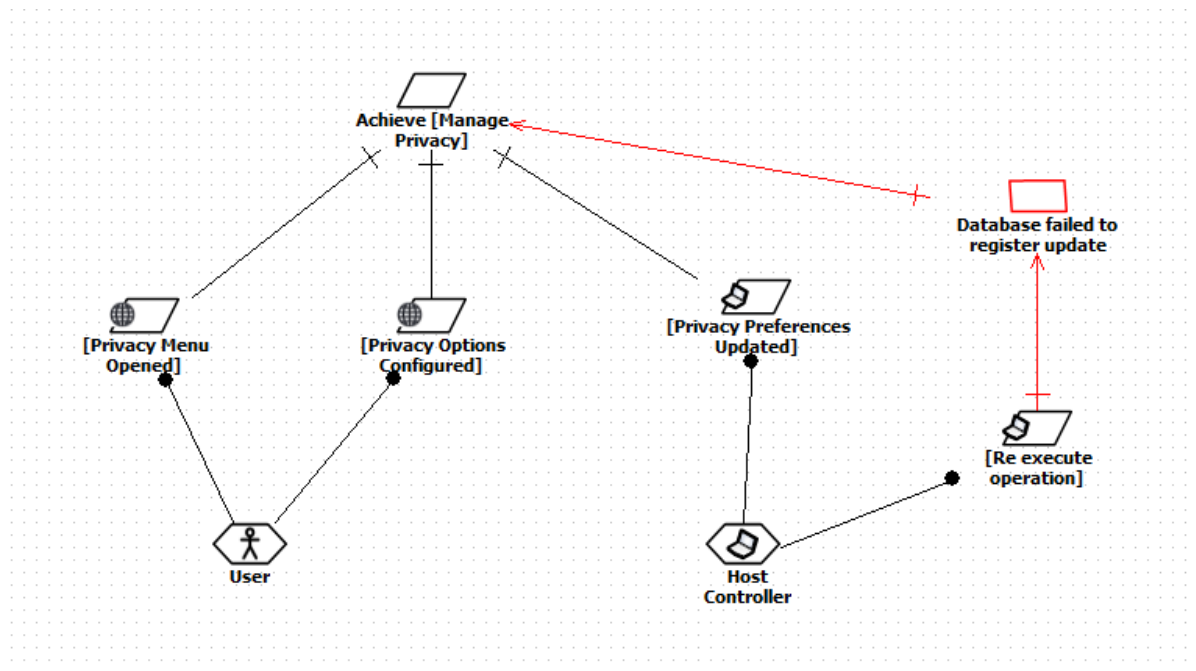
Create Collection of Stories



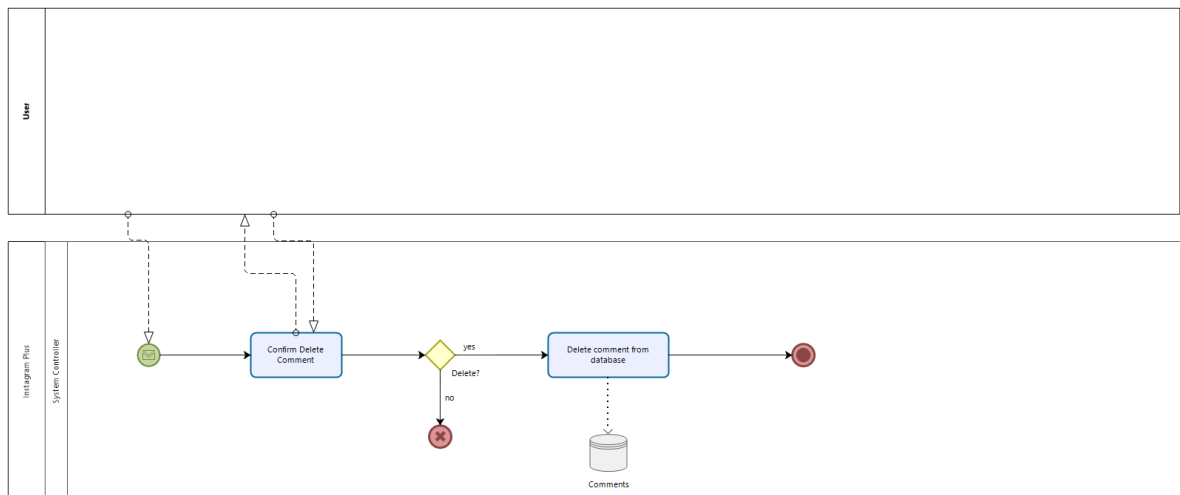
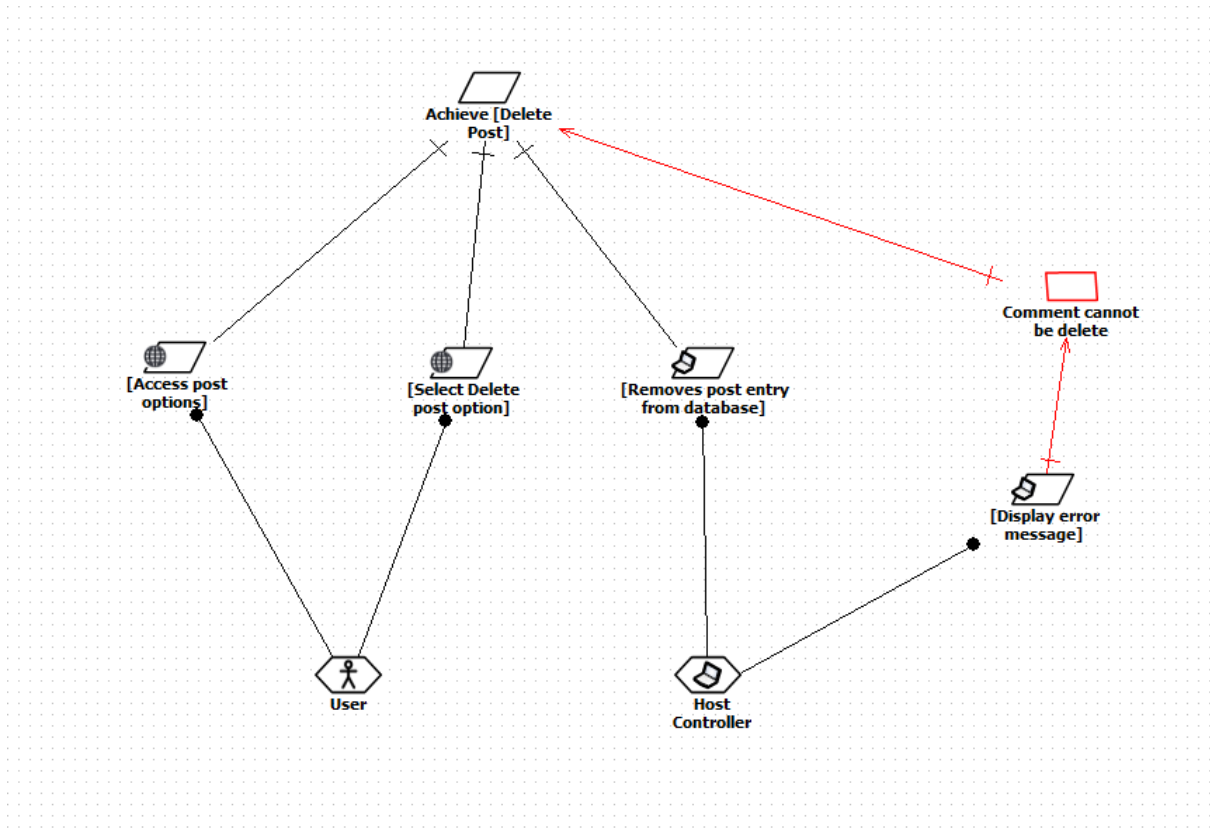
Send Message



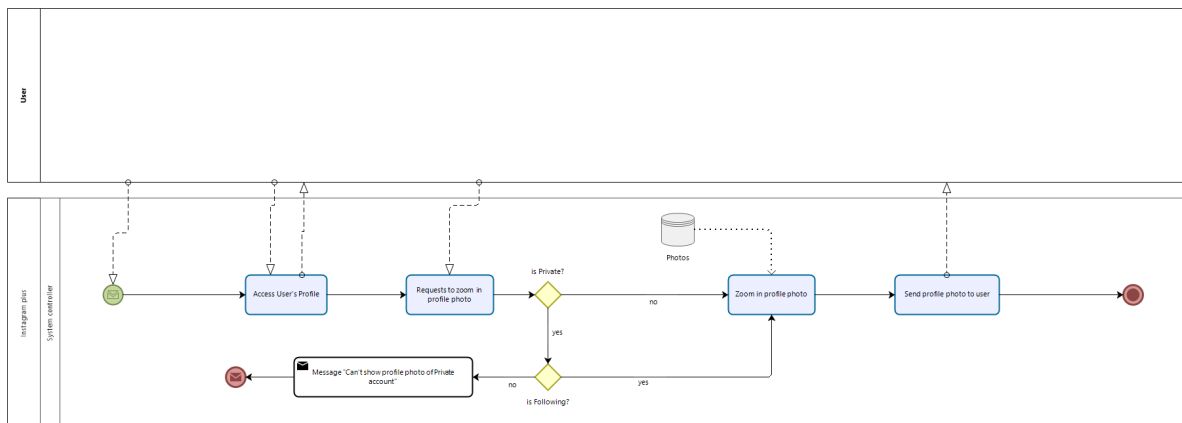
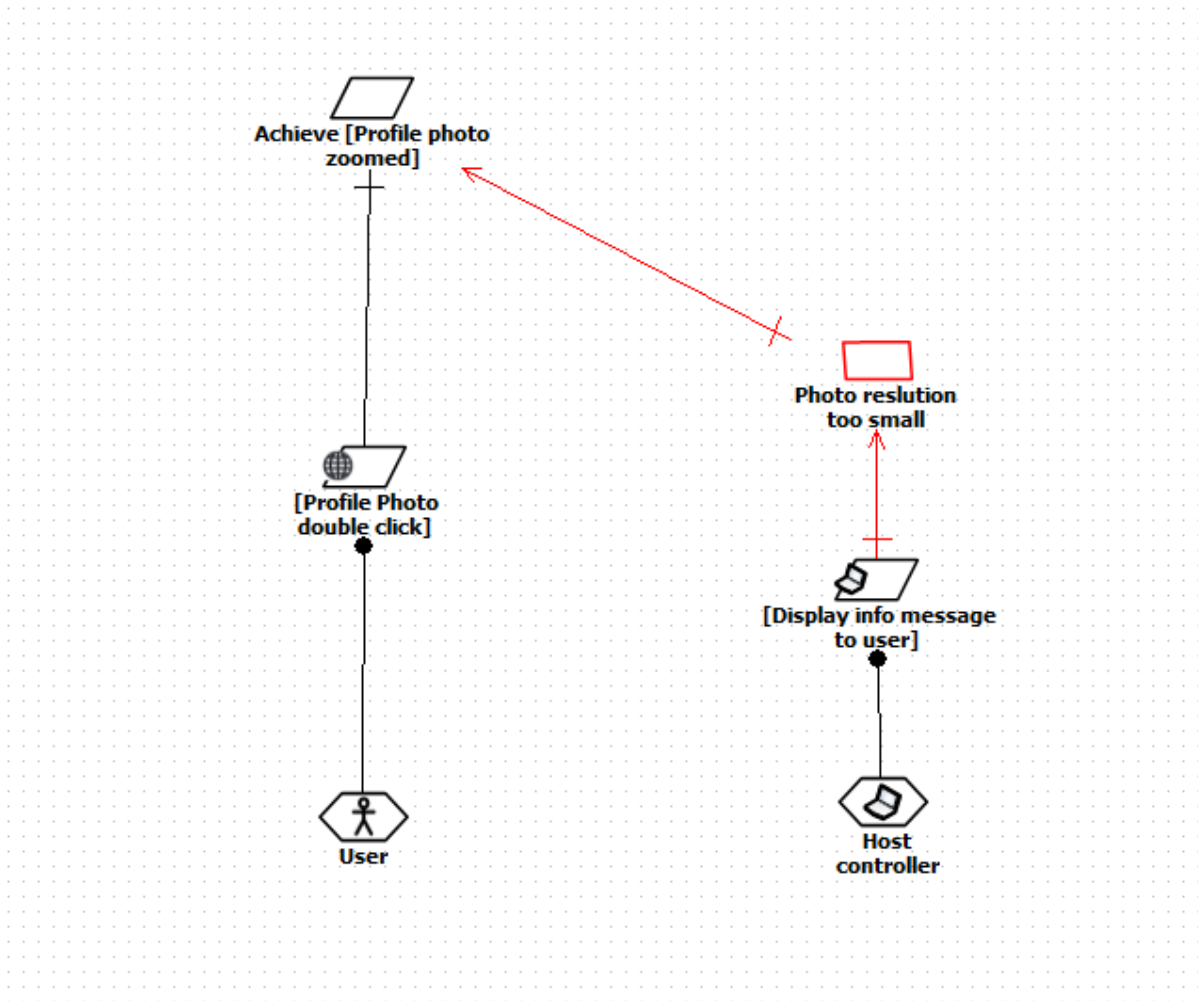
Manage Privacy



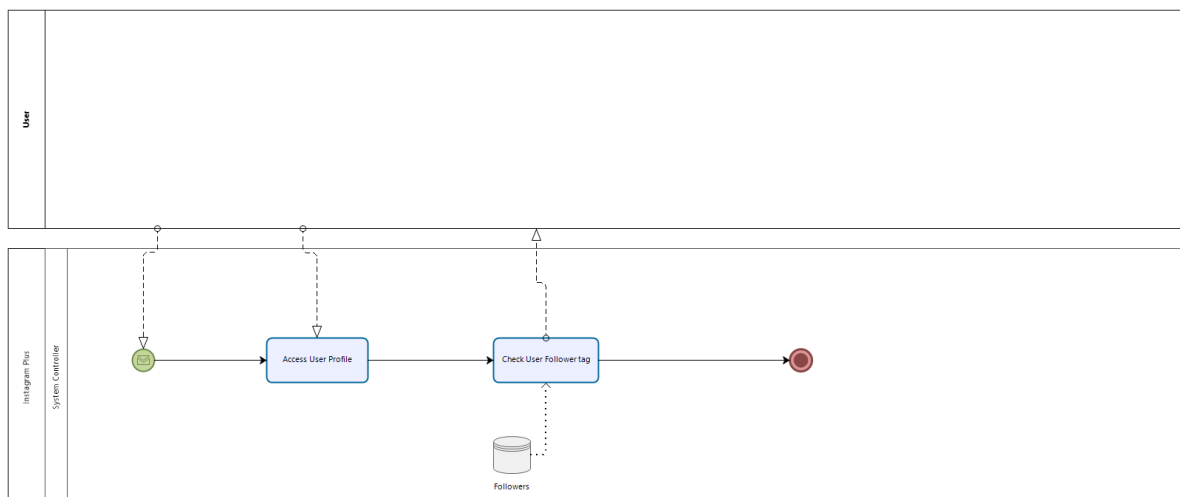
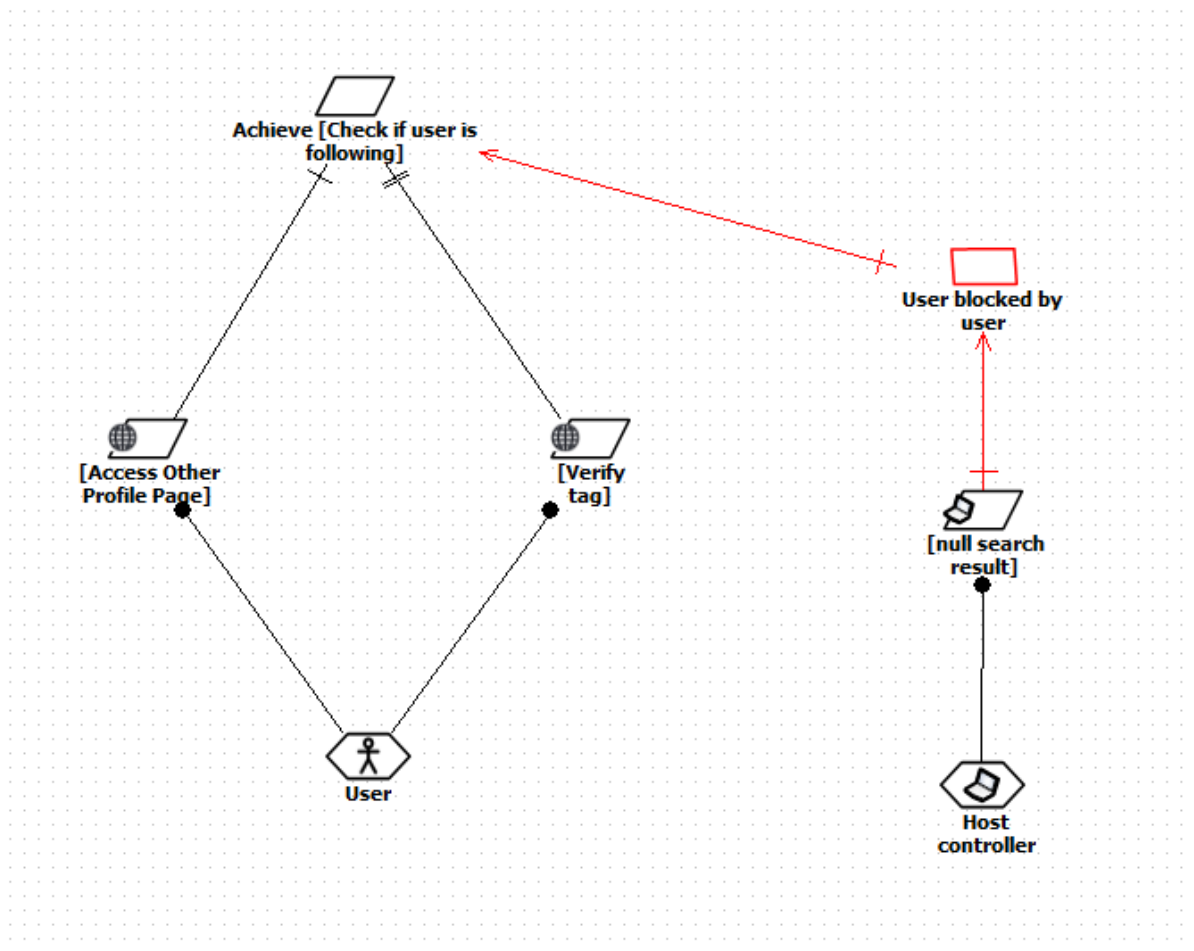
Delete Comment



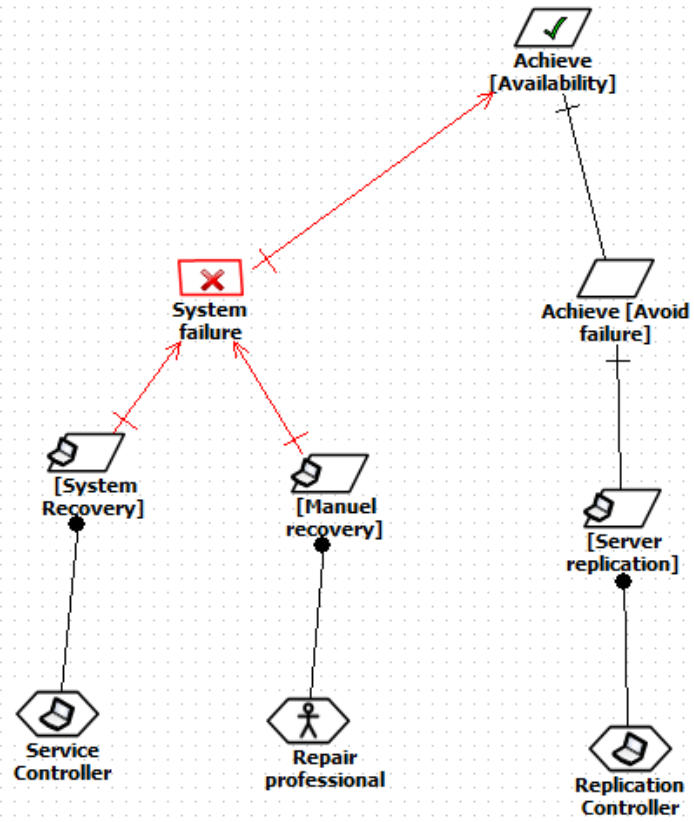
Zoom in User Photo



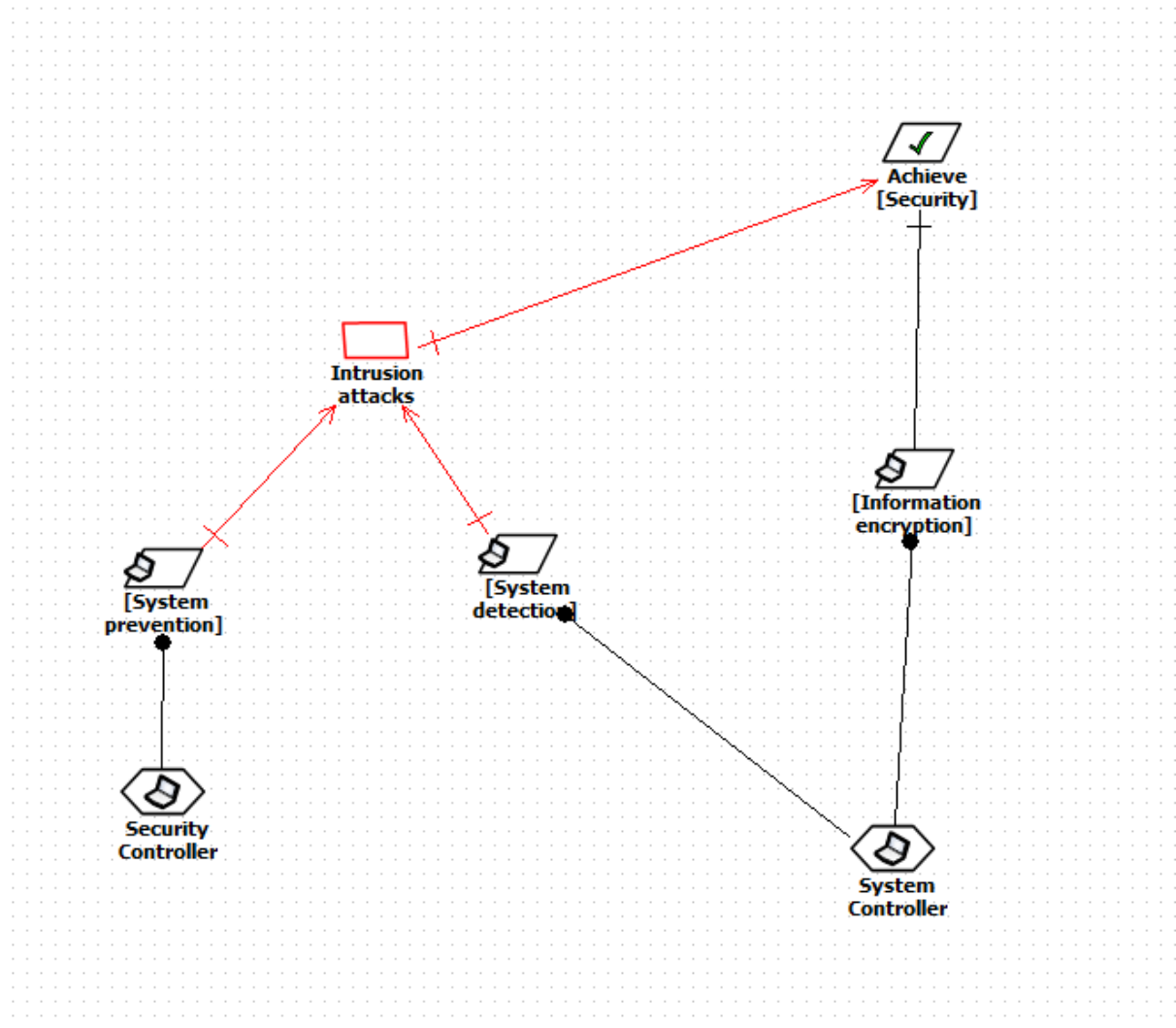
Check if User is Following



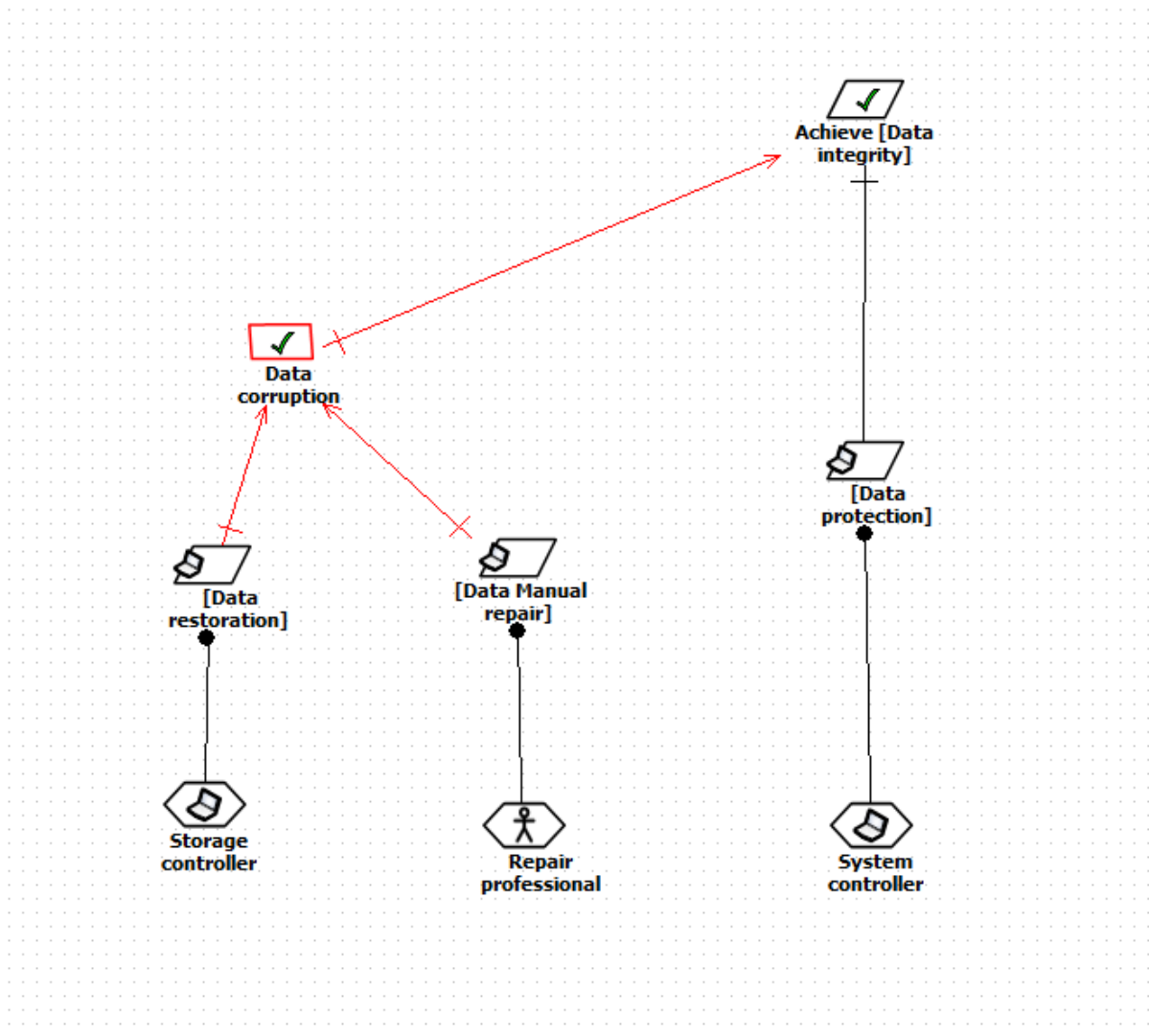
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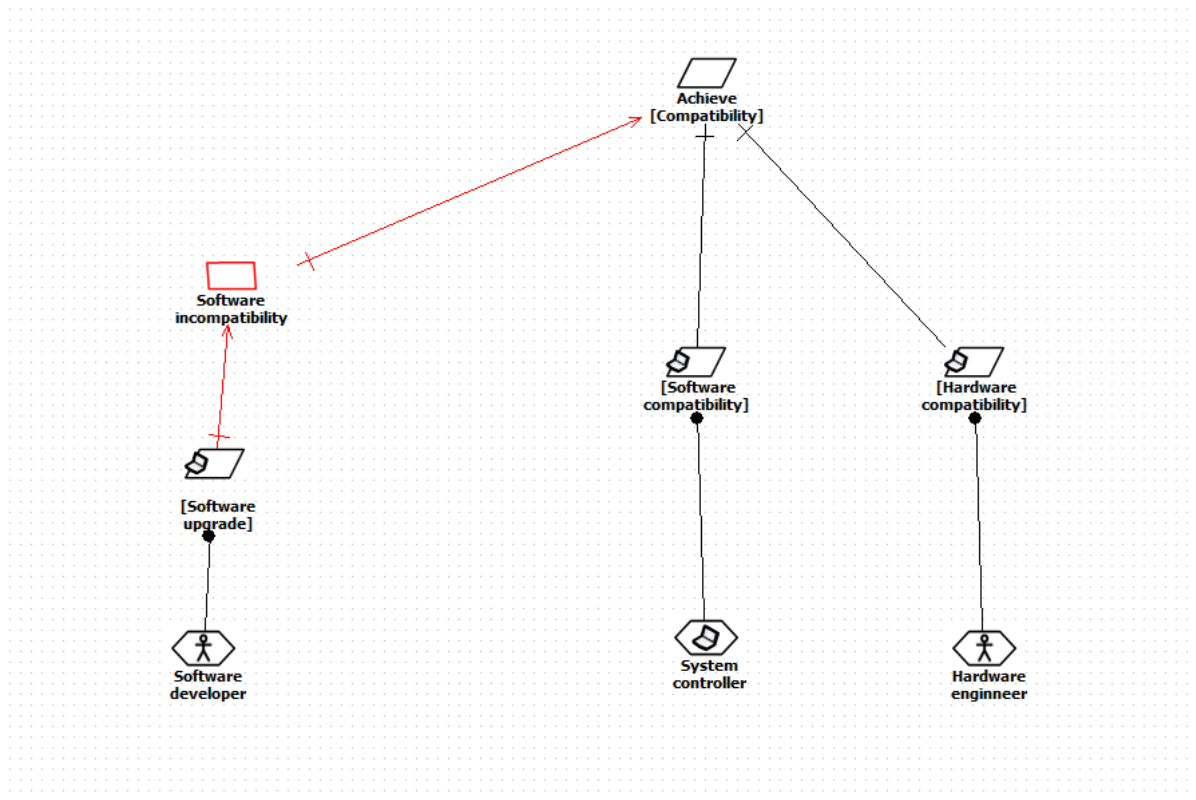
Security



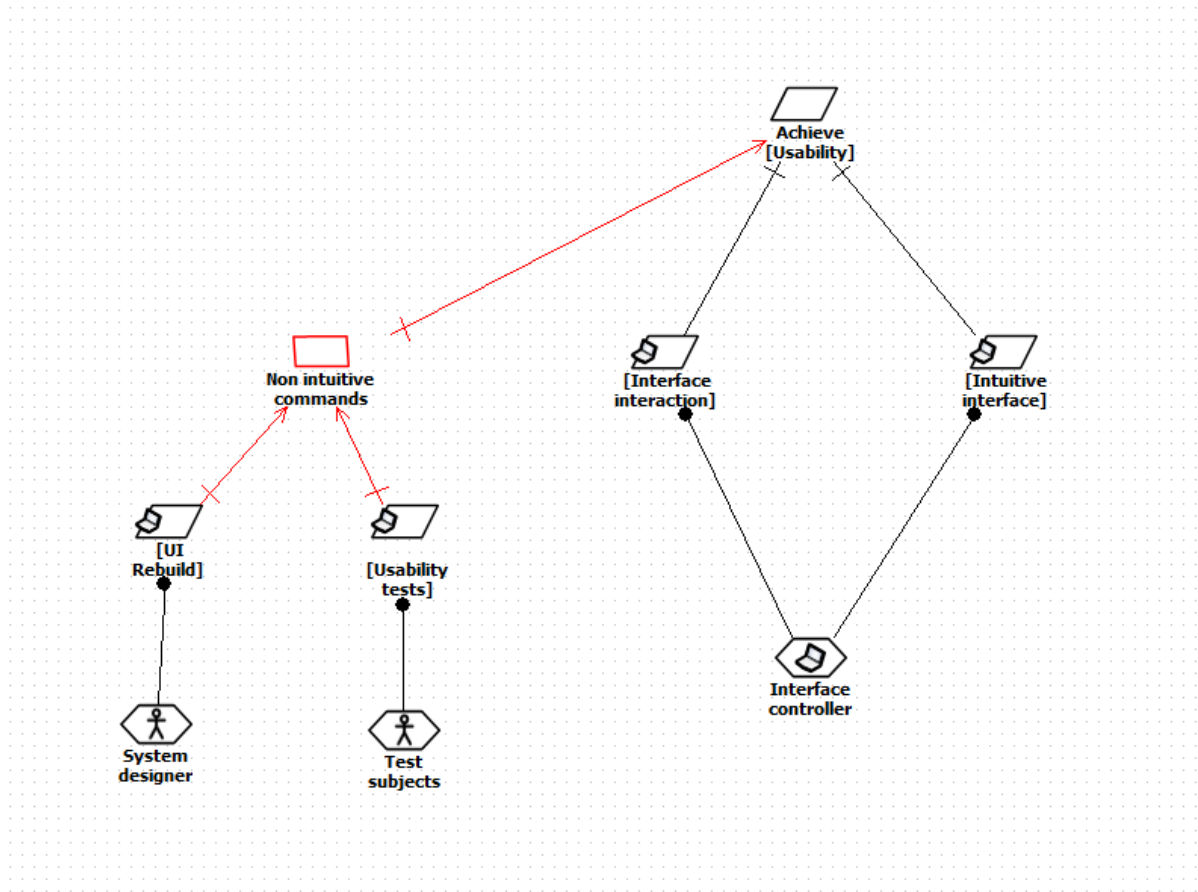
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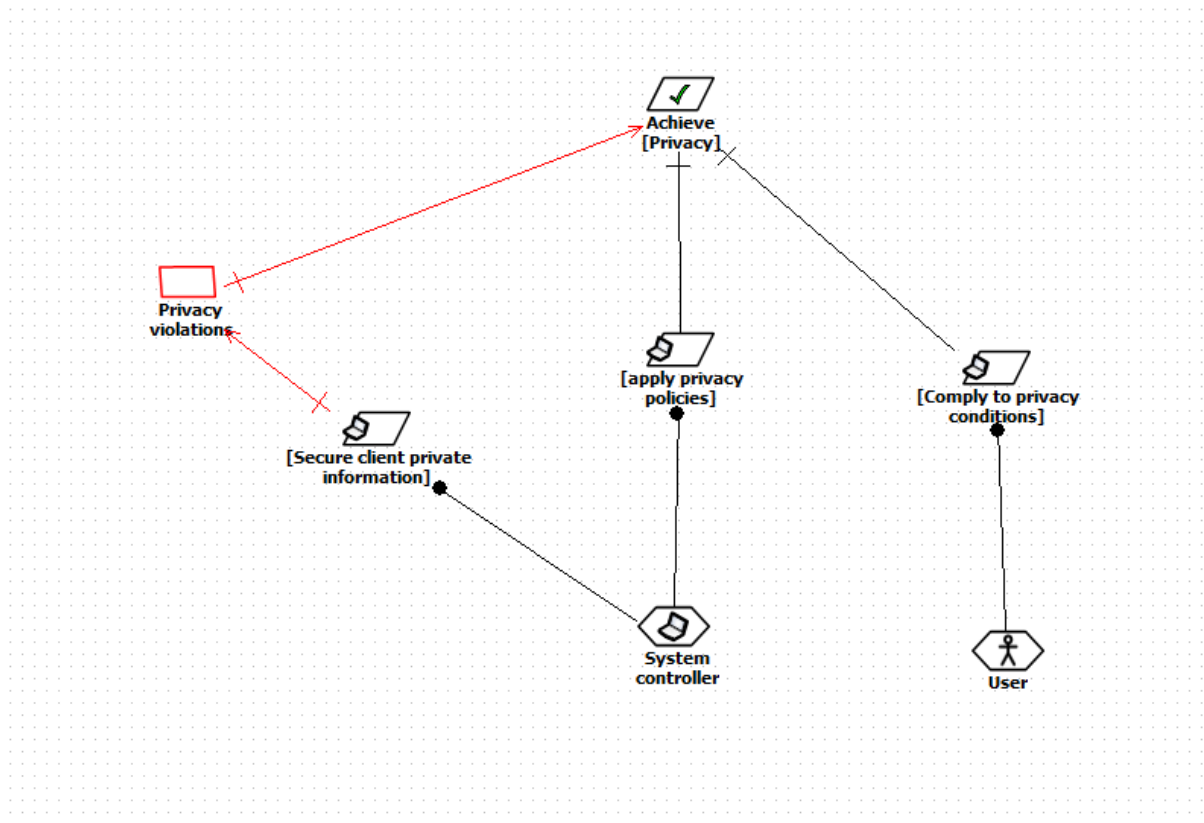
Compatibility



Usability



Privacy



About Part 2

For the next phase we will implement a prototype with a focus on the following features (approved by the professor):

- Follow User
- Check if User is Following
- Send Message
- Make Post
- Delete Post
- Edit Profile