

oodm\_case

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## 1 FACEBOOK

System Requirements We will focus on the following set of requirements while designing Facebook:

Each member should be able to add information about their basic profile, work experience, education, etc. Any user of our system should be able to search other members, groups or pages by their name. Members should be able to send and accept/reject friend requests from other members. Members should be able to follow other members without becoming their friend. Members should be able to create groups and pages, as well as join already created groups, and follow pages. Members should be able to create new posts to share with their friends. Members should be able to add comments to posts, as well as like or share a post or comment. Members should be able to create privacy lists containing their friends. Members can link any post with a privacy list to make the post visible only to the members of that list. Any member should be able to send messages to other members. Any member should be able to add a recommendation for any page. The system should send a notification to a member whenever there is a new message or friend request or comment on their post. Members should be able to search through posts for a word.

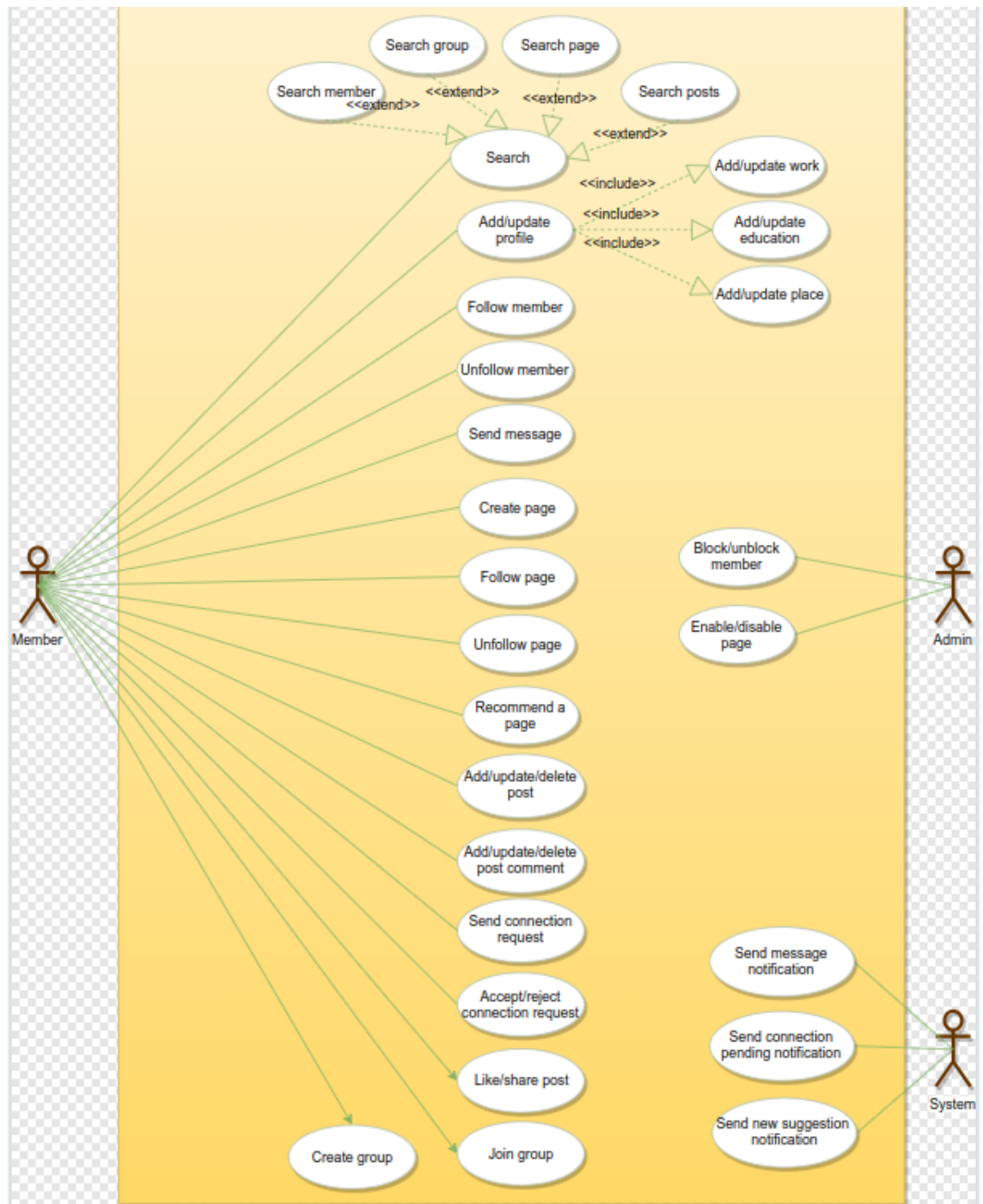


Figure 1: Use Case Diagram

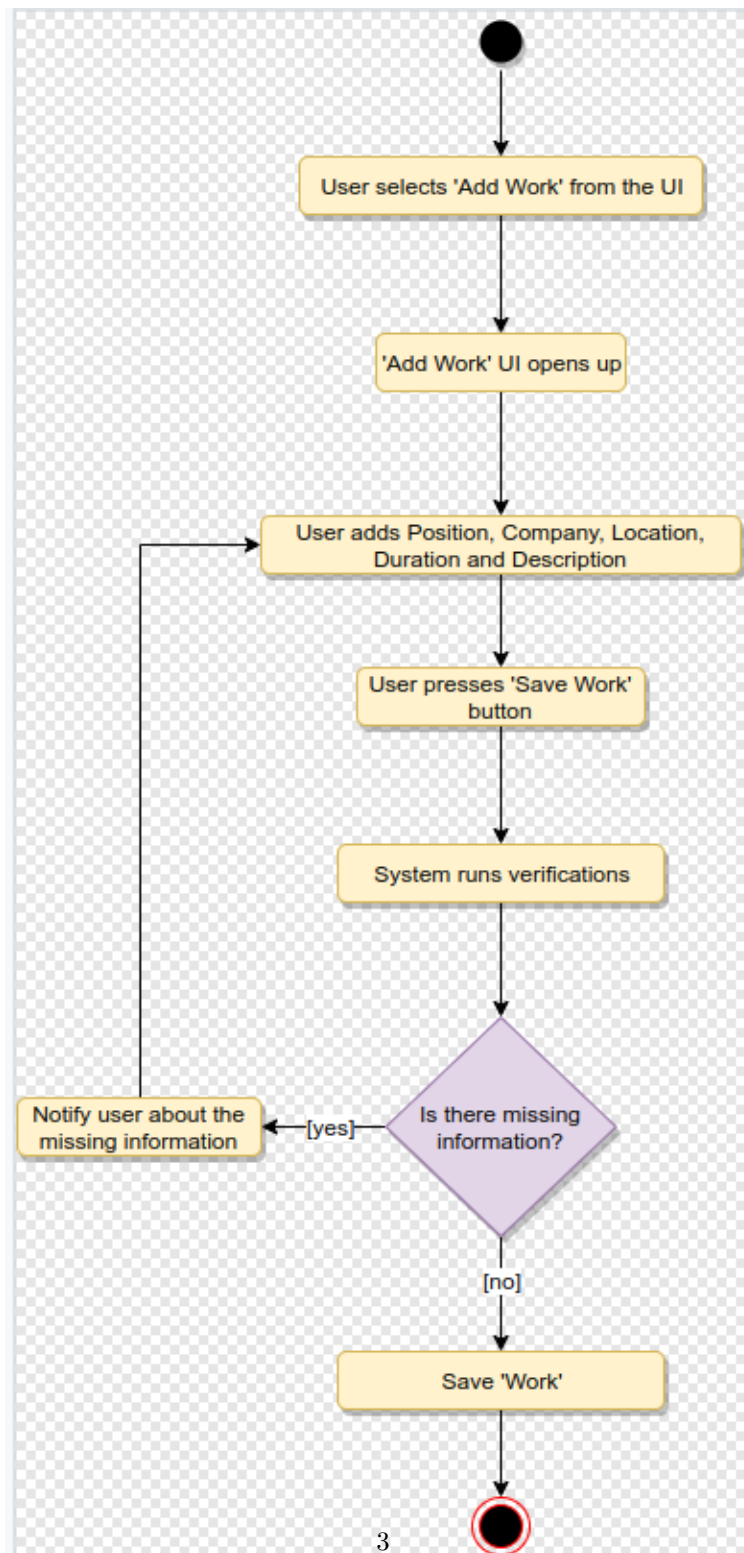


Figure 2: Activity Diagram for Facebook Add Experience to Profile

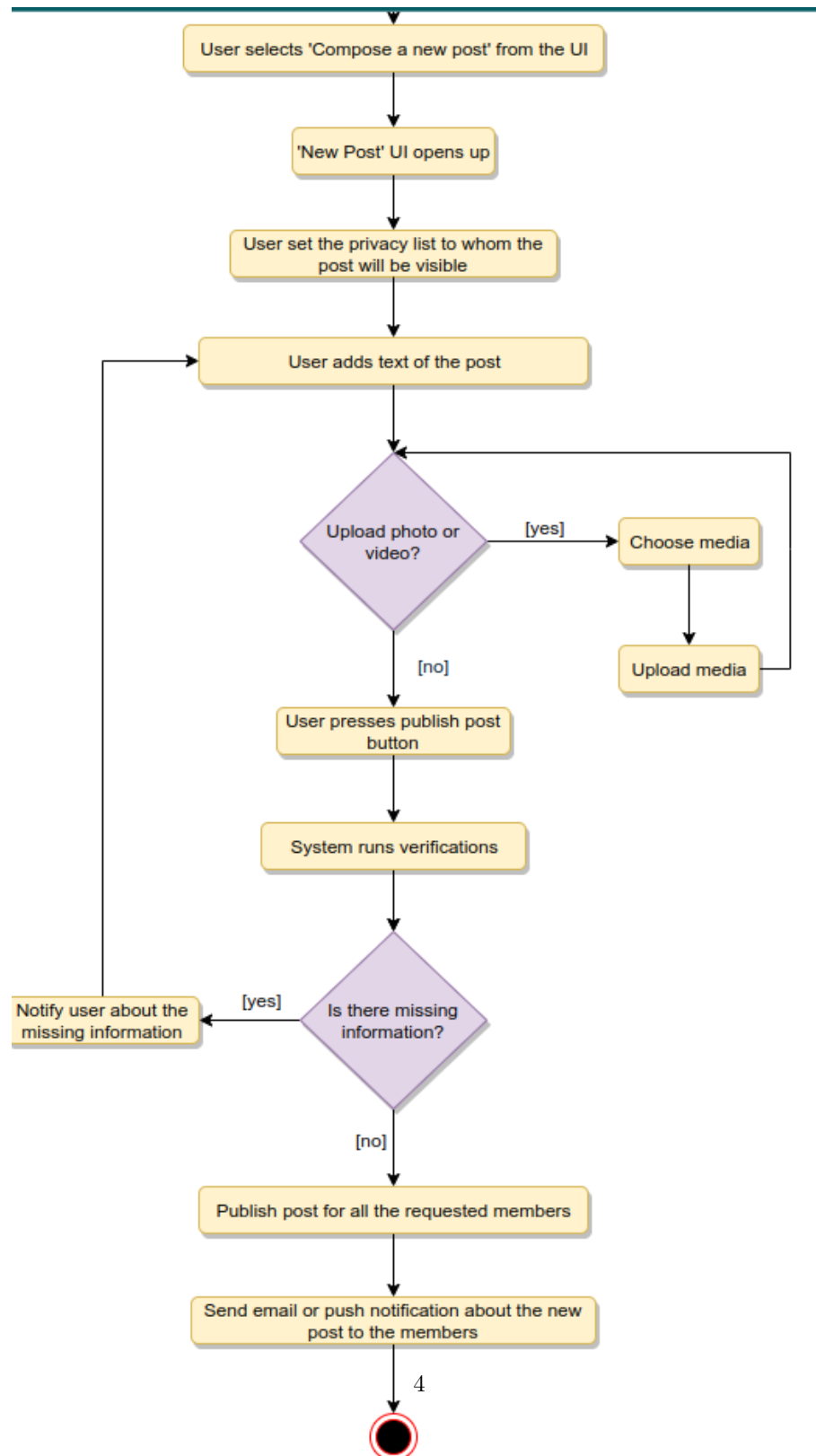


Figure 3: Activity Diagram for Facebook Create New Post

