

Software

Engineering

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Requirements Elicitation

How to write a SE proposal?

- Select a name for your project/team.
- Write an explanation of the problem.
- Identify the user categories you consider for your system.
- Create a numbered list of all the functionalities your system will provide. This list should be complete in that you should include all functionalities that you think you can completely implement in the span of this semester.
- Create a list of all the functionalities your system will NOT provide.
- Write a discussion about the platform you consider for your system. This platform defines the available hardware/software resources that you have to deploy your system. It is a good idea if you draw a diagram illustrating different layers of your architecture.

Any Question?
Raise your hand!

An Example

- Select a name for your project/team: **Movie Website**
- Write an explanation of the problem.

In this project, the movies and their profiles are listed, and the users of the site can view them by visiting the movie list and download them. Movies are divided into two major categories of Movie and TV series. Each movie has some property like poster, IMDB score, synopsis and more.

In addition to IMDB's rating, the system includes a unique rating, which allows users to rate each movie. Furthermore, users can add comments on movie and users can add videos to their favorites list.

- Identify the user categories you consider for your system:
 - **Registered Users**
 - **Un-Registered Users**
 - **Admins**

An Example (Cont.)

- Create a numbered list of all the functionalities your system will provide. This list should be complete in that you should include all functionalities that you think you can completely implement in the span of this semester.
 - *Tell me your opinion!*
 - *You may consider everything you want! The development of a system can be different.*

An Example (Cont.)

- Create a numbered list of all the functionalities your system will provide. This list should be complete in that you should include all functionalities that you think you can completely implement in the span of this semester.

1. Users

- a. Register***
- b. Login***
- c. Edit profile***
- d. Change password***
- e. Add user***
- f. Edit user***
- g. Remove user***
- h. Block user***

1. Comments

- a. Add comment***
- b. Edit comment***
- c. Delete comment***
- d. Reply to comment***
- e. Like a comment***

1. Movie

- a. View the list***
- b. Download***
- c. Add movie***
- d. Add movie property***
- e. Remove movie***
- f. Edit movie***

An Example (Cont.)

- Create a list of all the functionalities your system will NOT provide.
- Write a discussion about the platform you consider for your system. This platform defines the available hardware/software resources that you have to deploy your system. It is a good idea if you draw a diagram illustrating different layers of your architecture.

Thank you