Software Engineering I

Dr. Elham Mahmoudzadeh

Isfahan University of Technology

mahmoudzadeh@iut.ac.ir

2021

User Story
&
Process Modelling

User Story

- Determine roles of the system.

- Put yourself as a user, role, of the system and navigate with the new system.

- Is a convenient format for expressing the desired system specifications.

- It is written for each user.

- For example: for an online shopping, "As a buyer, I would like to search among all types of a product and see important features.

After requirements determination,

The requirements defined what the system should do.

Then, we try to write services in the form of processes in order to analyze the system.

So, we should first Determine final goal of the system and then Determine processes of the system.

What is process?

- Process is "the sequencing of tasks, that is done by at least one role, to produce the end result".

- The result of the process should not conflict with the final goal.

An example: "Login" in online shopping

1. User enter her username.

2. User enter her password.

3. User click on the "Login" button.

4. User can visit the shopping page.

What should you do for your project?

1. Prepare a list of <u>requirements</u>.

2. Think about the <u>users</u> and write <u>roles</u> of the system.

3. Write a <u>story</u> for each role.

4. Determine <u>final goal</u> of the system.

5. Determine <u>processes</u> of the system and list the <u>sequential</u> <u>activities</u>.

We will work on these items in the lab.

What we will talk about next…

- Chapter 4, functional modeling