

At the beginning of class, we talked about a summary of last class and the topics that have been mentioned last week.

In continue of class, professor spoke about the Design Thinking. Then students divided in several groups, and they started finding some definitions for design thinking.

A summary of students' answers:

Design thinking is an iterative process that teams use to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test.

The five phases of Design Thinking are as follows:

- Empathise – with your users
- Define – your users' needs, their problems, and your insights
- Ideate – by challenging assumptions and creating ideas for innovative solutions
- Prototype – to start creating solutions
- Test – solutions

CLASS DISCUSSION

WHAT IS A PROBLEM STATEMENT?

A problem statement is an evaluation of an issue expected to be addressed or a specific condition that can be improved upon in a timely manner. The problem statement briefly

explains the issue at hand. It should address the current state, the desired future state of the problem, and any gaps identified between the two.

In other words, a problem statement is a concise description of the problem that needs to be solved. It's a helpful scoping device, focusing the team on the problem it needs to explore and subsequently solve.

CLASS ACTIVITY

In continued class, students divided into several groups. Each group had 2-4 students. Students had 10 minutes to read an excerpt and made a problem statement. A summary of students' answers is below.

According to the opinion of one of the groups, the problem statement is existing heavy traffic in the roads that are blocked due to construction and renovation projects. In other words, the problem statement can be the waste time of people who are stuck in traffic.

Another group had a different viewpoint. The problem statement is an increase in the cost of insurance companies. Because with increasing the traffic, the risk of accidents will increase too, and it means to waste money in insurance companies.