**Project characterization**

In this task, we try to show how and which research approaches us using and what type of research is our project.

Our project is most related to Predictive Research because in our project, we trying to predict the dependence in software by analyzing and searching evidences, that cause problem in human society and which we think us trying to solve.

In research approaches, we use both Quantitative and Qualitative. For Quantitative, we count some statistics in analysis and count specific number in testing of our program. For Qualitative, we conduct surveys (for UX and UI) with target customers that help to estimate quality of our software.

Next approaches we using is Basic and Applied. For Basic, during Research fundamentals we studied some research related like Literature review but of course. For Applied, we using researches for our project that defines our functionality in project.

Last approaches we using is Deductive, because we usually studies some researches that related to general problem in our society, but we used them to highlight or find some specific situation for our project.

**Software Design**

