# XP CORE VALUE: COMMUNICATION

**Why is Communication important?**

Kent Beck in his book explains- "Whenever you have a problem, think about how it could have been resolved with better communication..". Software development is inherently a team sport that relies on communication to transfer knowledge from one team member to everyone else on the team. Without effective communication, there can be missing out on deadlines and less clarity on issues among the team, which ultimately leads to bad software. Hence, with regular discussion and meetings, our team ensures that effective communication value is always maintained.

**WEEK 1**

The weekly meeting was conducted at the start of the week and everyone being an equal part of the team communicated their ideas enthusiastically. All team members first researched various tech stacks and understood project requirements. After a proper discussion, it was decided in our regular meeting that we will start by building the project structure. We all decided to use Python. But after researching, it was decided that Python is not the best choice right now for design patterns implementation. Therefore, we decided to move forward with Java.

Post the discussion, we created tasks and divided these tasks among ourselves. There were also daily face-to-face meetings for 15-20 minutes and communication on completed work and problems if any, so that others can help. I strongly feel these steps set the tone for proper implementation of the targets set for our project moving forward. The major focus of these meetings were 3 questions:

What did you do yesterday?

What will you do today?

Are there any impediments on your way?

**WEEK 2**

After regular meetings and connections, we successfully divided various modules that each of us had to work on for the coming days. We all decided to work together on the architectural design and communicated thoroughly all the ideas about it

**WEEK 3**

This week was quite hectic. As there were numerous tasks and we needed to collectively work on those tasks. But, we scheduled some common time together and worked together, and completed all tasks.

**WEEK 4**

Sarjak had to start working on Backed API. After the database implementation (Rajvi's task), he can work on it. So, Rajvi completed the task beforehand, and thereafter, Sarjak started working on his part of the work. And, constant communication was required between Aman and Sarjak as Aman was working on UI Implementation. Moreover, we revisited UML Diagram to make sure that we are on the right track.

**WEEK 5**

While we were done with the first part of UI Implementation and Backend API, to work on the later part, we gave feedback about the work to each other. And, teammates worked accordingly.

**WEEK 6**

The integration part was quite crucial. We all scheduled meetings during the week to integrate the front-end part and back-end parts to know how much it is done.

**WEEK 7**

According to the meeting reports and the output of the previous weeks, we updated the back-end part and the front-end part for the final output. And, all teammates decided to make some changes to the UI part.

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**WEEK 9**

We finalized UI and started working on Project Report together.