

# PROJECT PROPOSAL

TEAM ASKME

01

# Our Team

Faiyaz Abrar  
ID : 210041214

Sakeef Hossain  
ID : 210041220

Akib Haider  
ID : 210041222

Sameen Yeaser  
ID : 210041234

# Motivation

Problem solving is crucial for every CSE grad students but CP enthusiasts always find one lacking feature in every online judge.

- Coders often loose track when they last revised problems of a specific data structure
- Difficulties in keeping track of contests
- Lack of progress tracker based not only on quantity of problems but also on quality and other factors of a problem
- Build a system that will function as cue and trigger user to stick with the process with reward for maintaining regularity.

# Objectives

03

01

Build a customised online judge convenient for all types of coders, also for new learners.

02

Lowering the tendency to miss online programming contests and live coding events.

03

Serve as a guide for coders to help them be consistent in problem solving

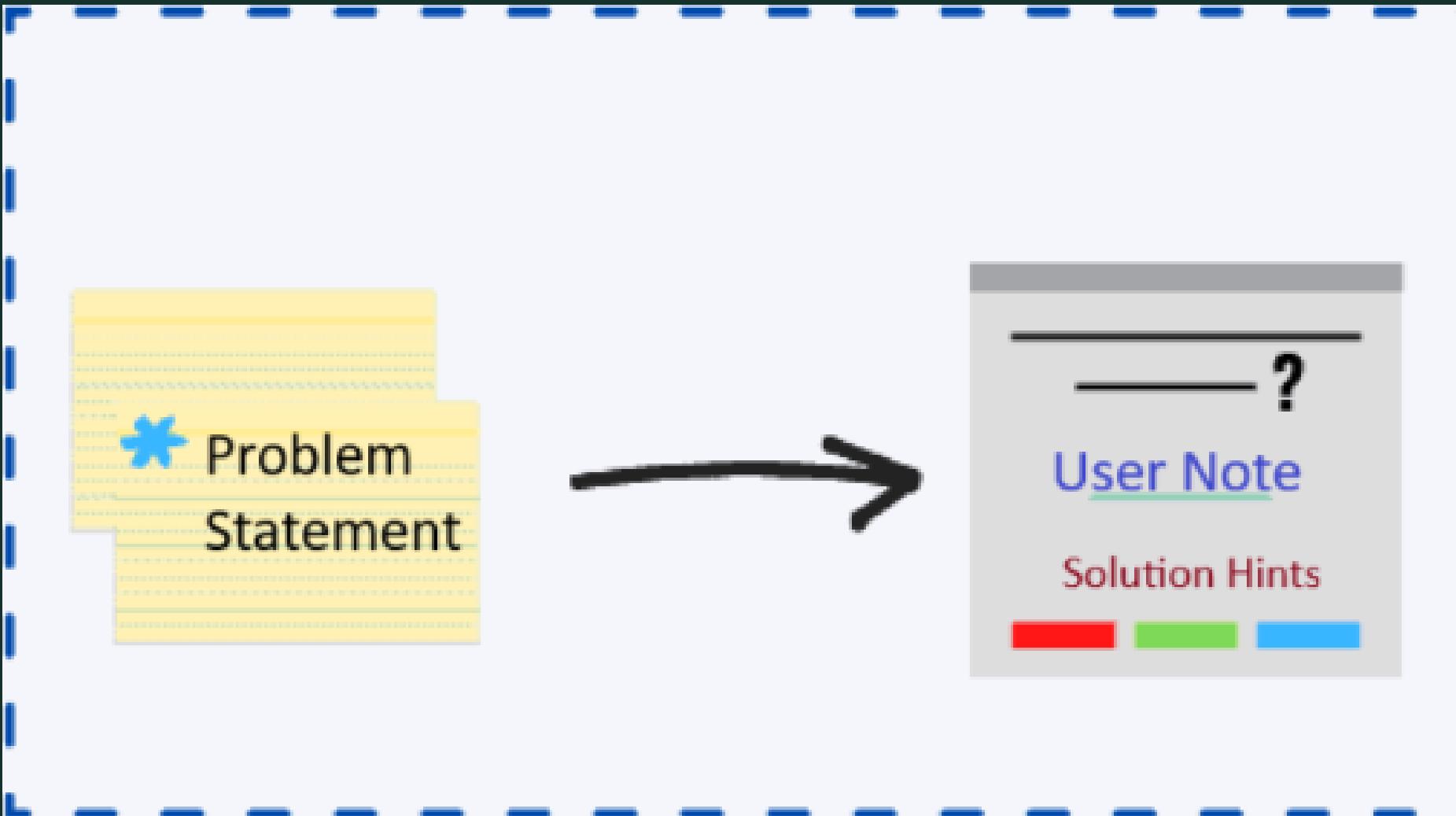
04

Being connected with fellow coders in a community and create a platform for healthy competition

# 04

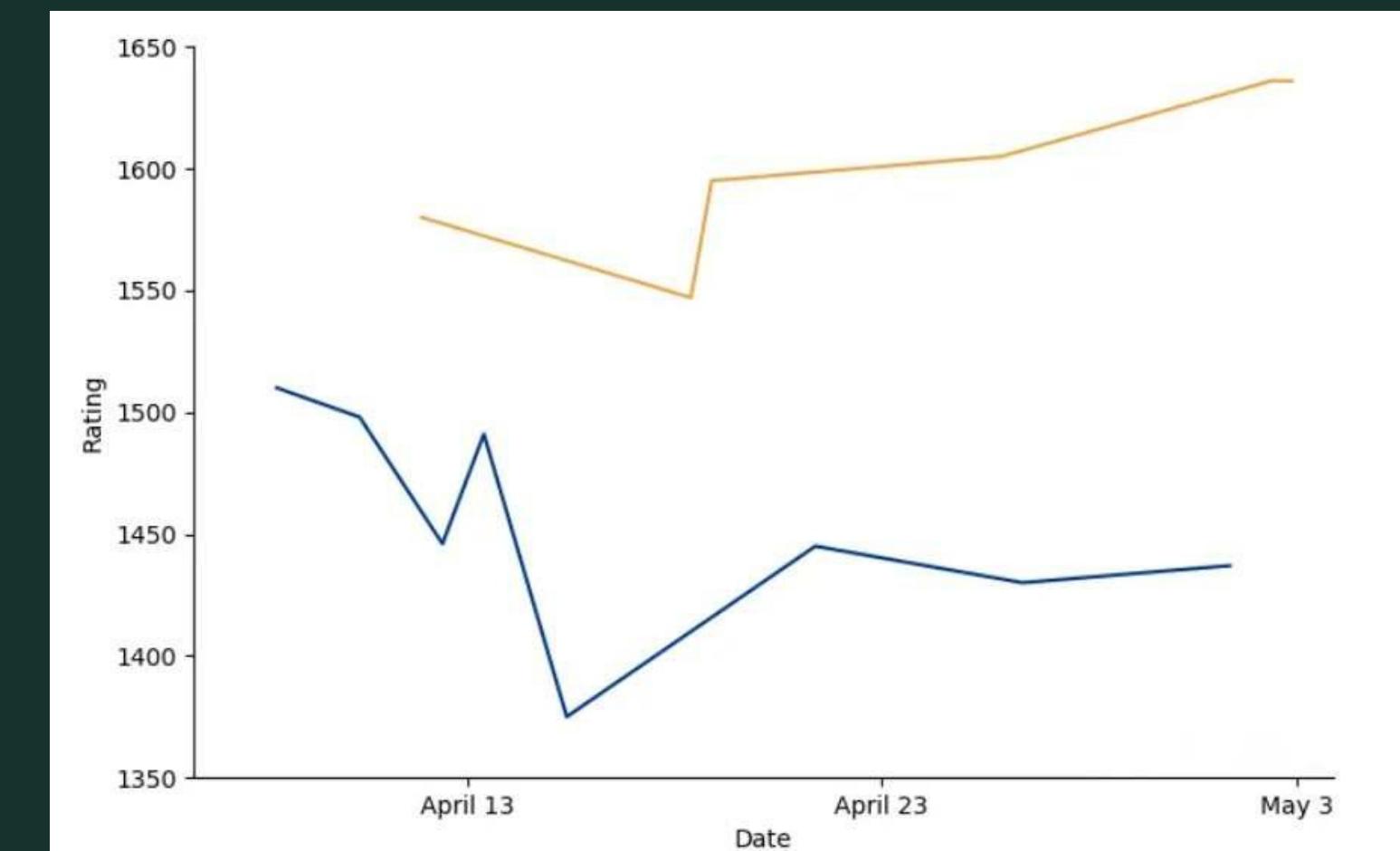
## Key Contributions

- 01 Smart Upsolve and revision tracker
- 02 Coder's Calender & Notification system
- 03 Customized performance tracker
- 04 Ultimate companion of your competitive programming journey to keep user on the track
- 05 Interactive User interface and exciting reward system to keep one motivated



Up-solving with effective spaced repetition study method on flashcards

Customized performance analysis graph on selected parameters



# Outcomes

- The revision tracker will assist users for technical interview preparation
- Being notified about upcoming contests and events without stressing over missing out any contest
- Subtle performance tracker based on different parameters not only solve count but also different categories and difficulties set also other parameters
- Frequent problem solving and up-solving reminder till your technical job interviews and placements
- Building problem solving habit, boost motivation with small win and improve critical thinking ability.

THANK  
YOU!