BITS
UNPLUGGED

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WHAT IS THE IDEA?

- **SOLVE PROBLEM WITHOUT CODING**

- **AN INTERFACE TO ENGAGE IN DATA STRUCTURE AND ALGORITHMIC CHALLENGES**

- **FACILITATE CONCEPTUAL UNDERSTANDING BY FOCUSING ON PROBLEM-SOLVING RATHER THAN CODING SYNTAX.**
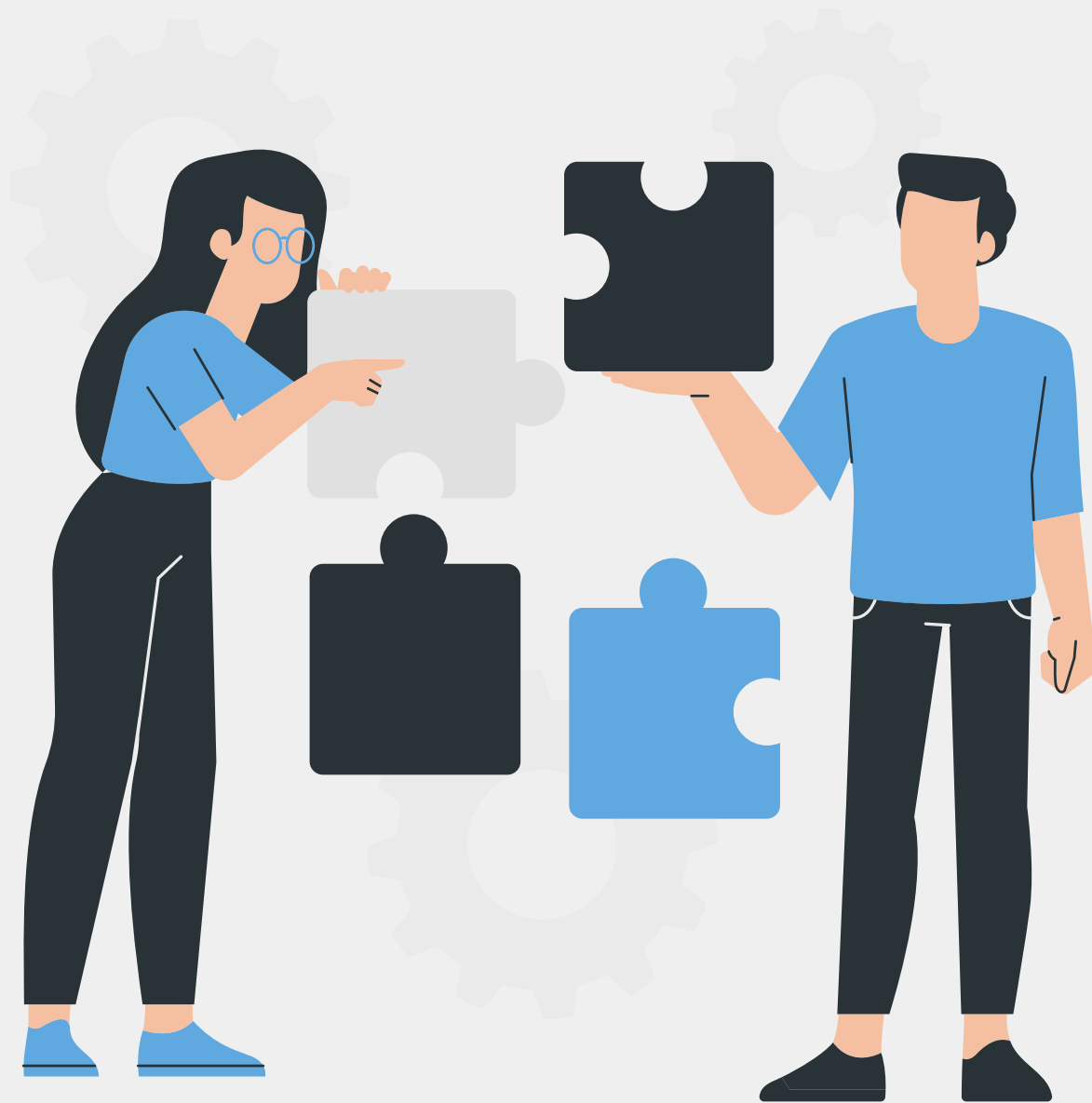
MOTIVATION

- USING OUR CANVAS, PROBLEMS ARE QUICK TO DESIGN. SO, DIFFERENT PROBLEMS FOR DIFFERENT STUDENTS IS NOW POSSIBLE.

- DATA STRUCTURE AND ALGORITHMIC CHALLENGES ARE FUN TO ENGAGE

- FORGET ABOUT CODING, FOCUS ON LEARNING
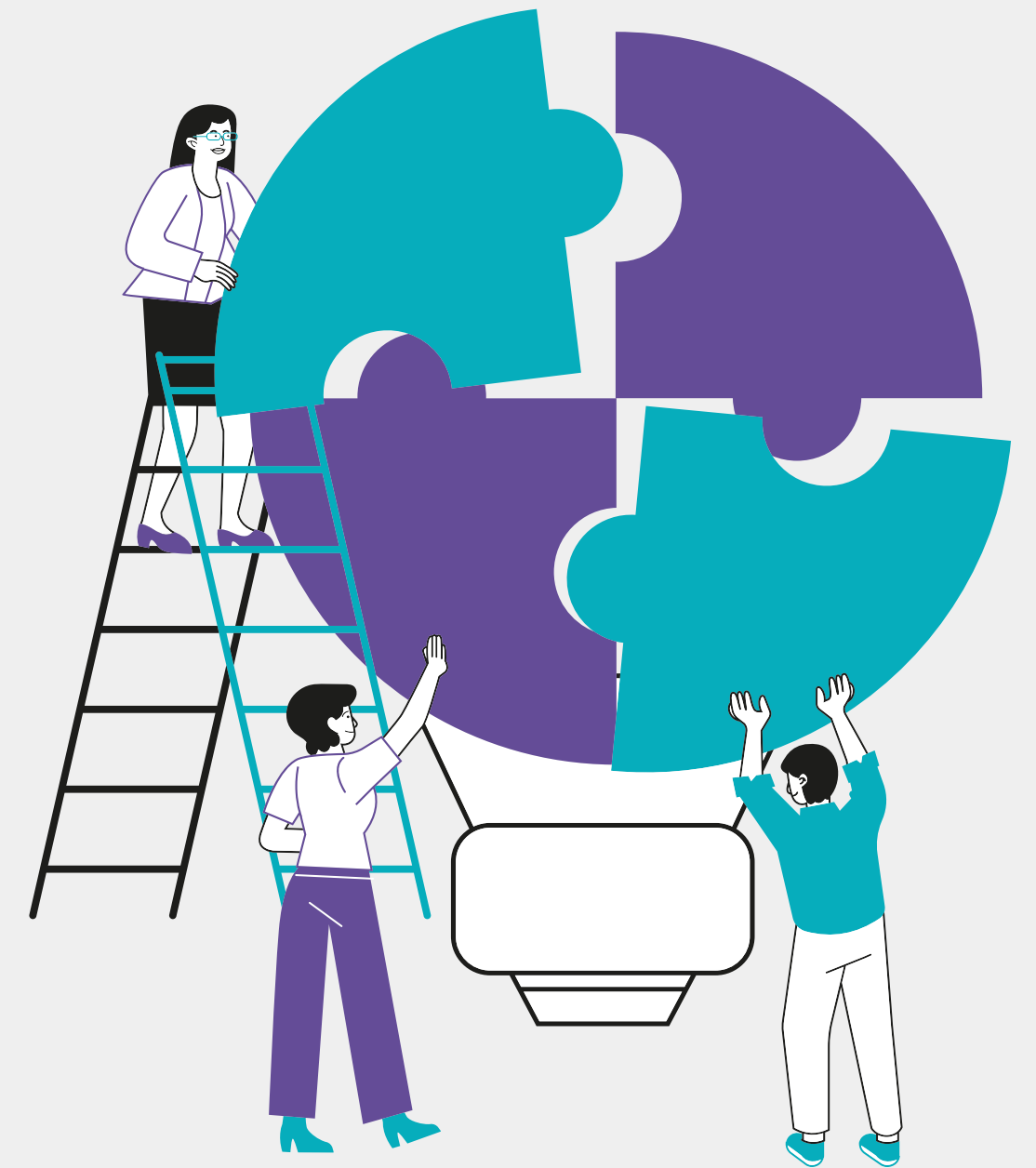
FEATURES AND MODULES

PROBLEM SETTING

- **A USER-FRIENDLY INTERFACE FOR SETTING UP DATA STRUCTURE AND ALGORITHMIC PROBLEMS.**

- **EXTENSIVE COLLECTION OF DIVERSE DATA STRUCTURE AND ALGORITHM PROBLEMS.**

- **CATEGORIZED BY DIFFICULTY LEVELS AND CONCEPTS.**

PROBLEM SOLVING

- **USERS SOLVE PROBLEMS THROUGH AN INTUITIVE, DRAG-AND-DROP INTERFACE.**

- **NO CODING REQUIRED.**

- **IMMEDIATE FEEDBACK AND VISUAL REPRESENTATIONS OF SOLUTIONS.**
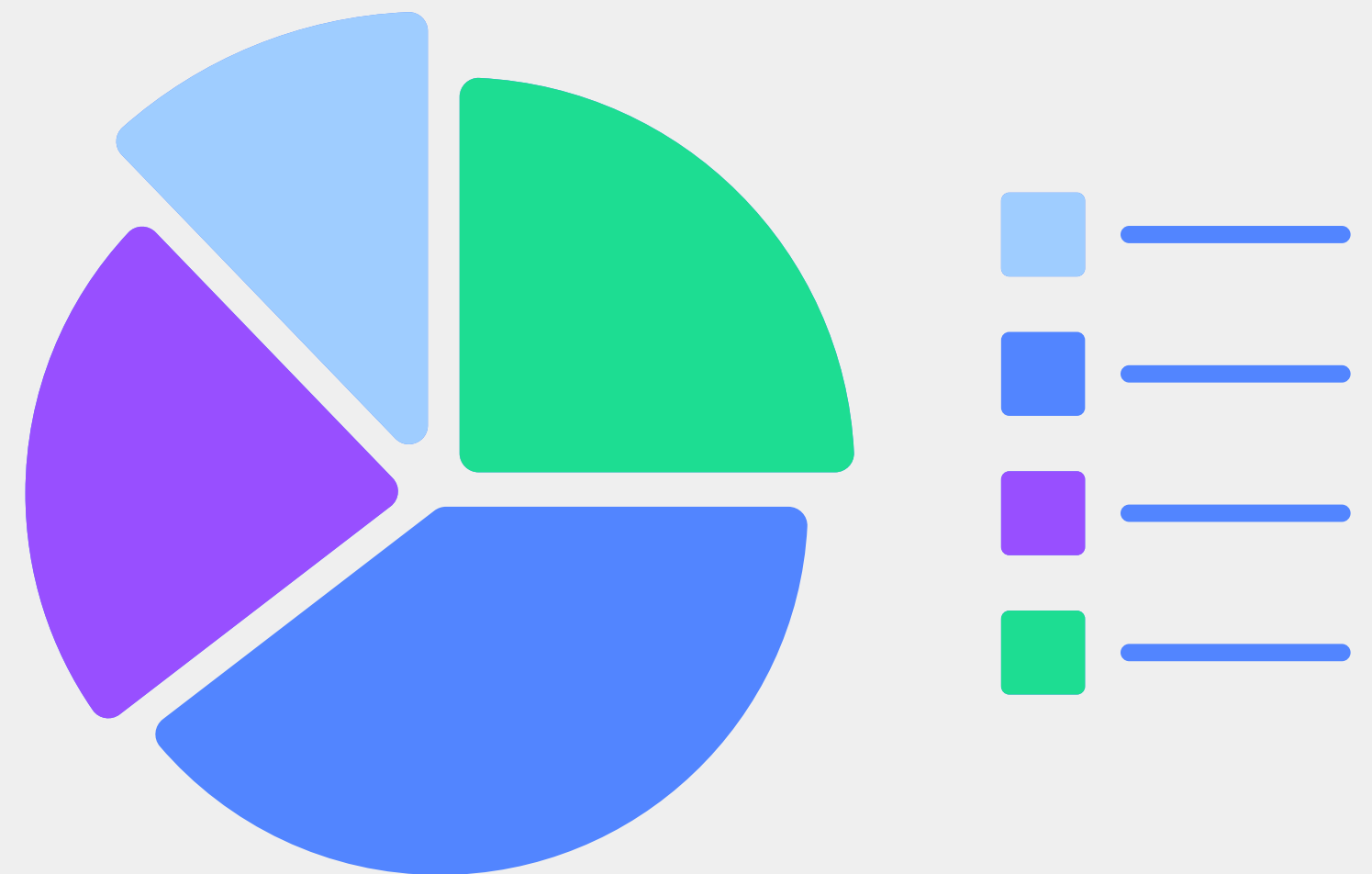
RATING SYSTEM

- **POINTS, BADGES, AND LEADERBOARDS TO INCENTIVIZE CONSISTENT ENGAGEMENT.**

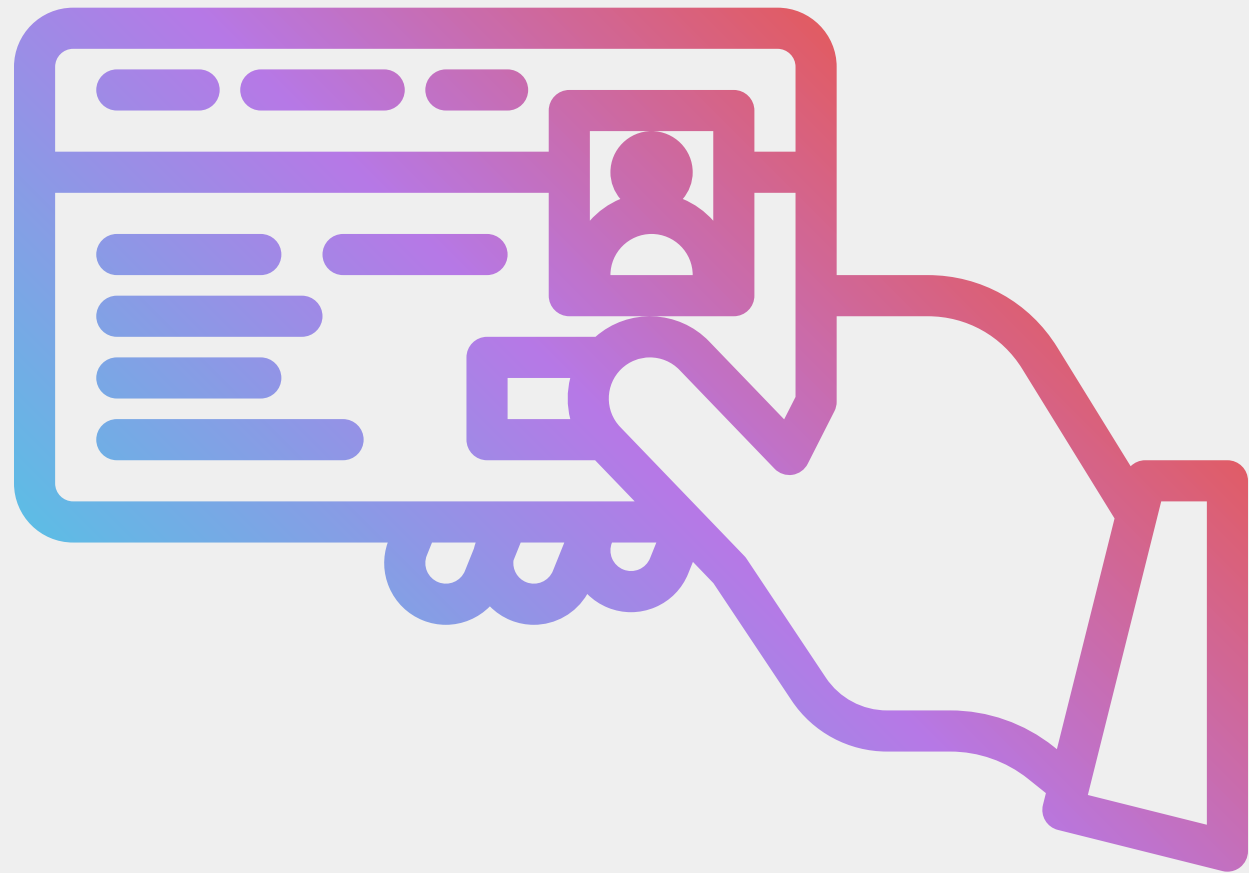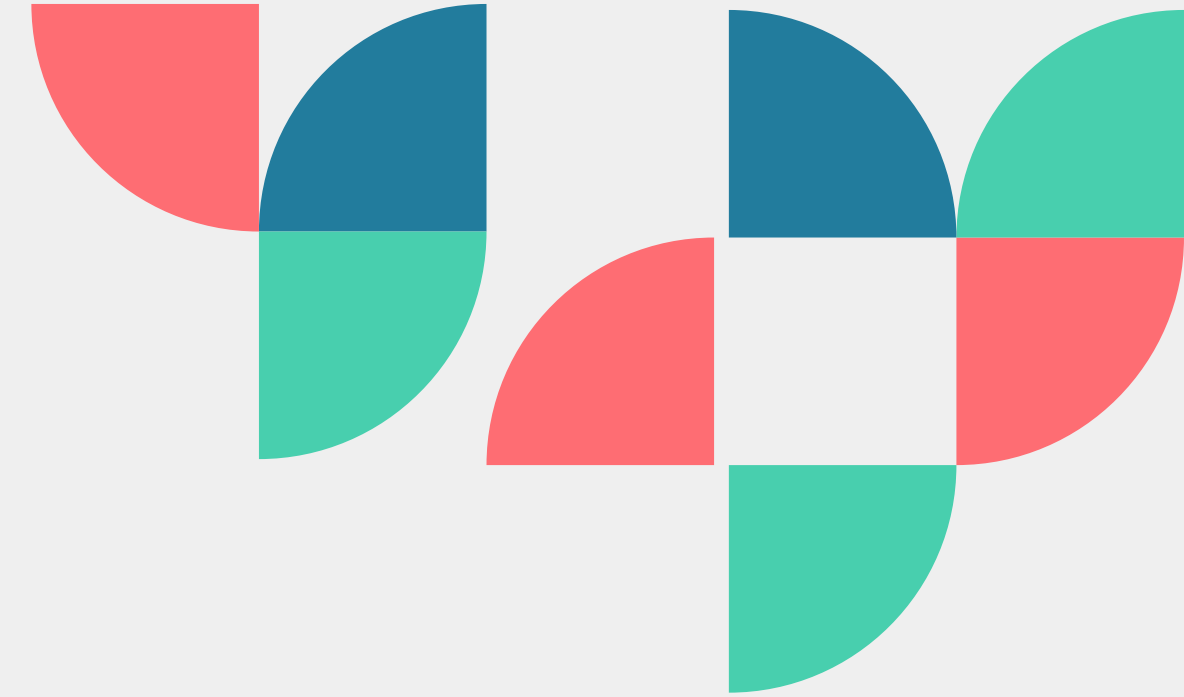- **REWARDS USERS FOR THEIR ACHIEVEMENTS AND MOTIVATES THEM TO LEARN.**

PROBLEM ANALYTICS

- TRACKS THE PERCENTAGE OF USERS WHO SUCCESSFULLY SOLVE EACH PROBLEM.

- PROVIDES INSIGHTS INTO PROBLEM DIFFICULTY AND USER PERFORMANCE.

- ALLOWS FOR CONTINUOUS IMPROVEMENT OF THE PLATFORM.
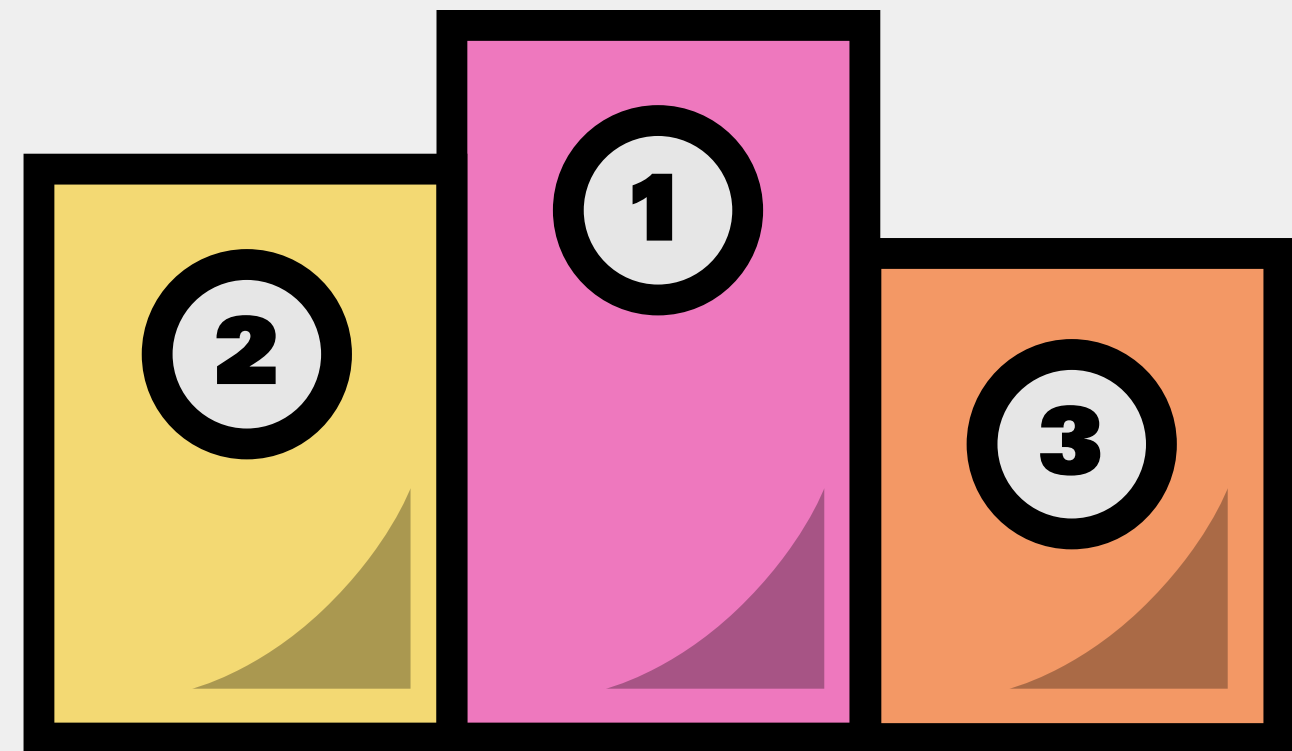
SUBSCRIPTION SYSTEM

- **PREMIUM SUBSCRIPTION FOR ADVANCED LEARNING PATHS, ANALYTICS, AUTOMATIC TEST GENERATION AND ADDITIONAL CHALLENGES.**
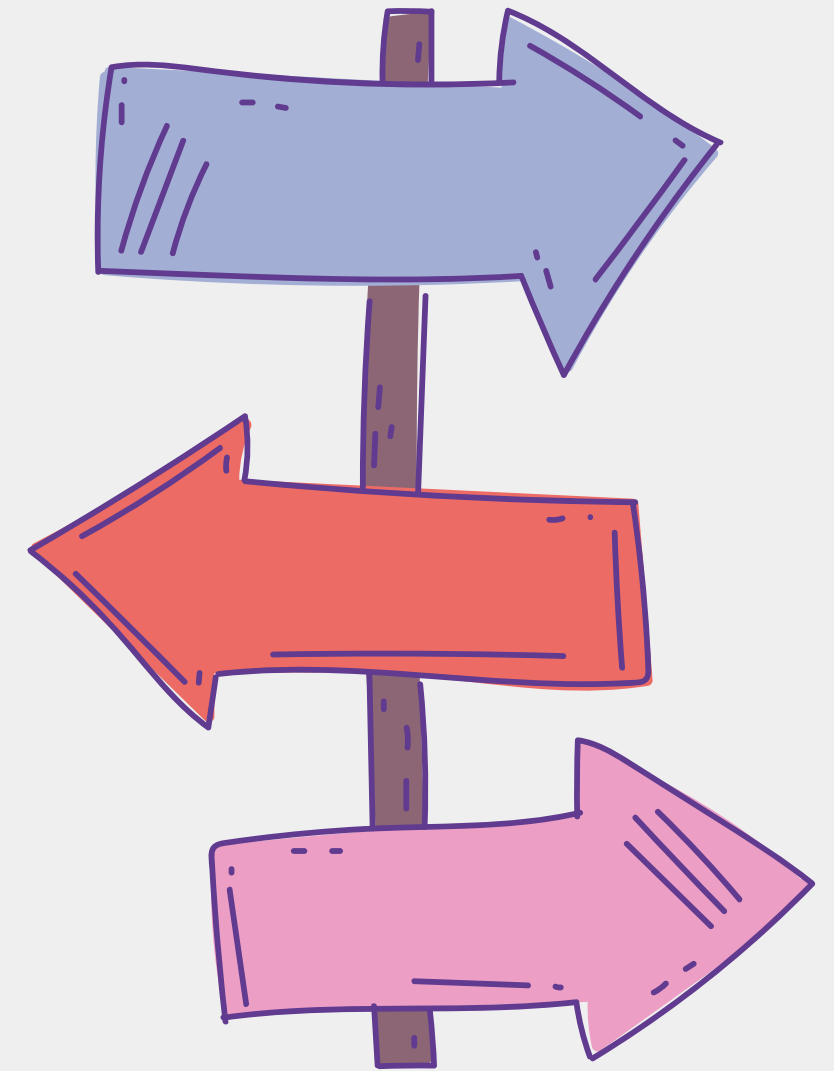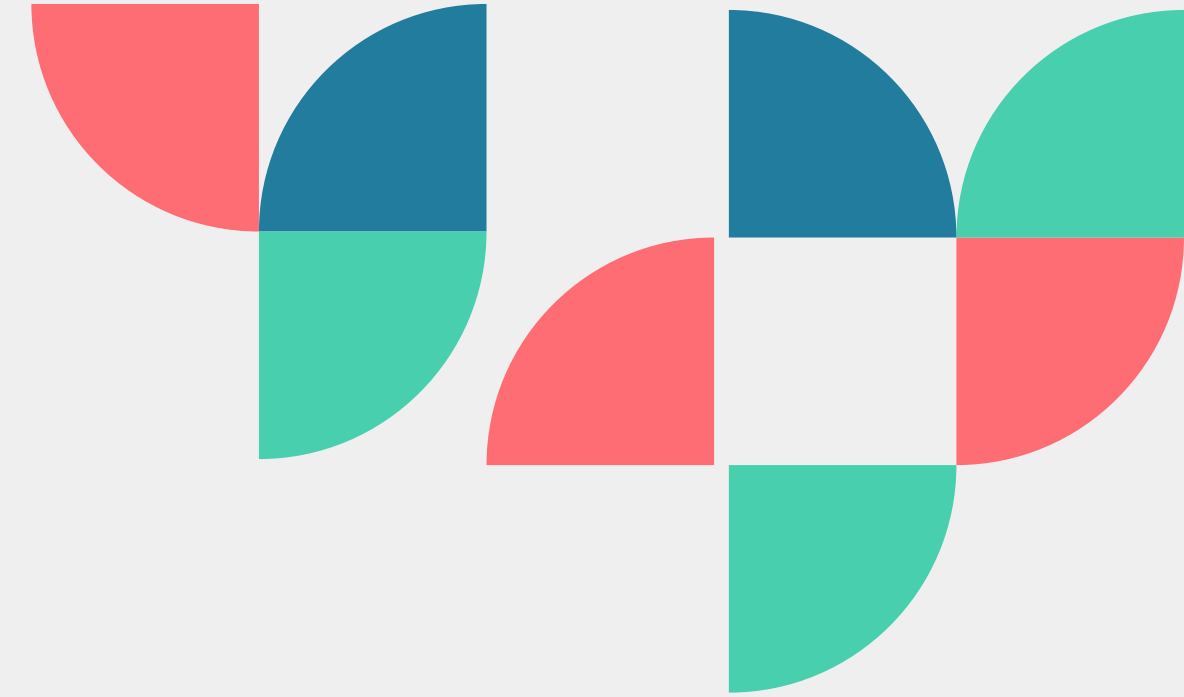
REALTIME CONTEST

- USERS CAN PARTICIPATE IN TIMED CHALLENGES AGAINST OTHERS.

- LEADERBOARDS AND BADGES FOR RECOGNITION.

- PROMOTES HEALTHY COMPETITION AND MOTIVATES USERS TO IMPROVE.

ADVANCED LEARNING PATH

- **PERSONALIZED LEARNING JOURNEYS BASED ON USER PROFICIENCY AND INTERESTS.**

- **RECOMMENDED PROBLEMS AND RESOURCES FOR TARGETED LEARNING.**

- **HELPS USERS PROGRESS AT THEIR OWN PACE AND ACHIEVE THEIR GOALS.**

ANYTHING LIKE THIS EXISTS?

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UNIQUE FEATURES AND COMPARISON

○ BITS UNPLUGGED IS QUITE SIMILAR TO DIFFERENT COMPETITIVE PROGRAMMING PLATFORMS LIKE LEET~~CODE~~, ~~CODE~~FORCES, ~~CODE~~CHEF, TOP~~CODE~~R ETC. I GUESS YOU GOT THE DIFFERENCE 😊

○ WE ARE JUST UNPLUGGING THE CODING(BITS) PART FROM PROBLEM SOLVING.

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