COLLABORATIVE PROGRAMMING

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ABSTRACT

AN ONLINE COLLABORATIVE PROGRAMMING WEB-PLATFORM AIMED AT TEACHING STUDENTS PROGRAMMING IN A COLLECTIVIZED ENVIRONMENT.
THIS PLATFORM PRESENTS THE USER WITH HANDS-ON EXPERIENCE WITH DESIGN PATTERNS.
IT ALSO TEACHES IN AN ENJOYABLE WAY BY MAKING EXPERIENCE COLLABORATIVE
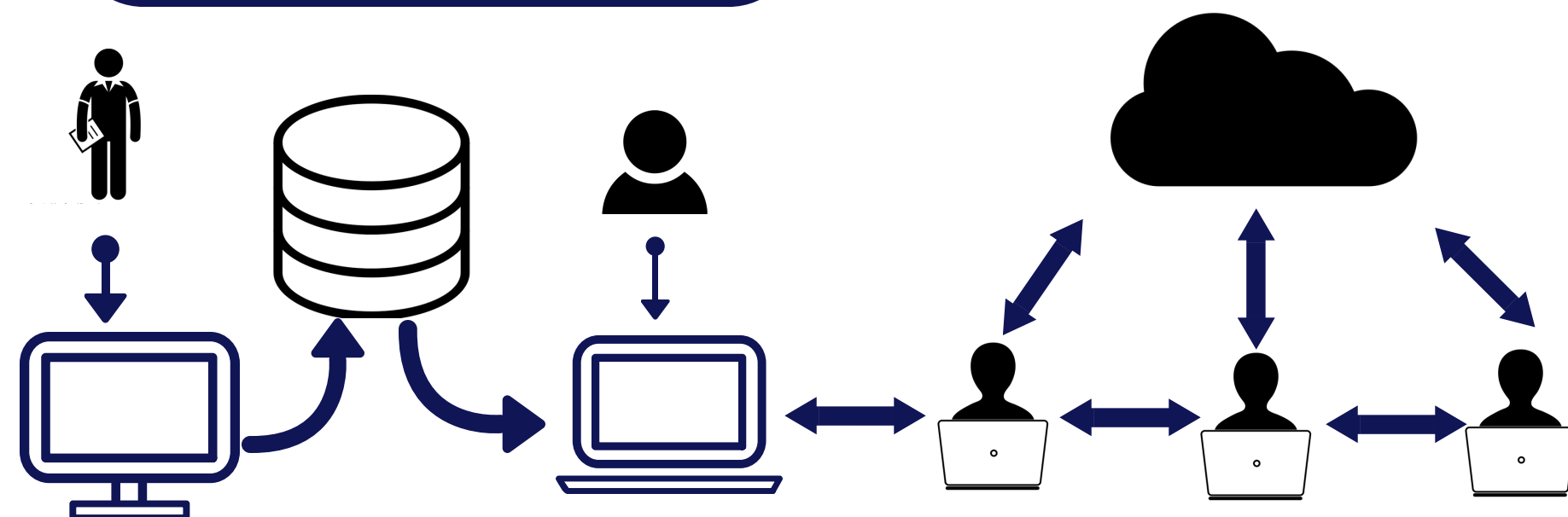
INTODUCTION

Collaborative programming practices are now known to be efficient and needed. Our collaborative programming platform operates in real time, and exposes programmers to some software engineering concepts. While there are platforms that teach programming using videos, and other platforms that provide problems that veer towards algorithms knowledge, there seems to be a lack of platforms that present the user with a beginner-friendly, hands-on experience that leans towards programming in a software engineering environment.A platform like this will be useful for programmers who want to learn new concepts, or to get a better understanding of ones they are already familiar with.

FEATURES

- Users can pick a problem and create a room
- Users can request to join an existing room
- Users can solve problems of multiple languages (currently c++ and java)
- Users chat inside the room
- Users can Write Their Code Asynchronously
- Users can reserve a method
- Users can use a private coding area to individually test their code

COLPRO

Technology Stack

High Level architecture Diagram

ASK FOR THE DEMO