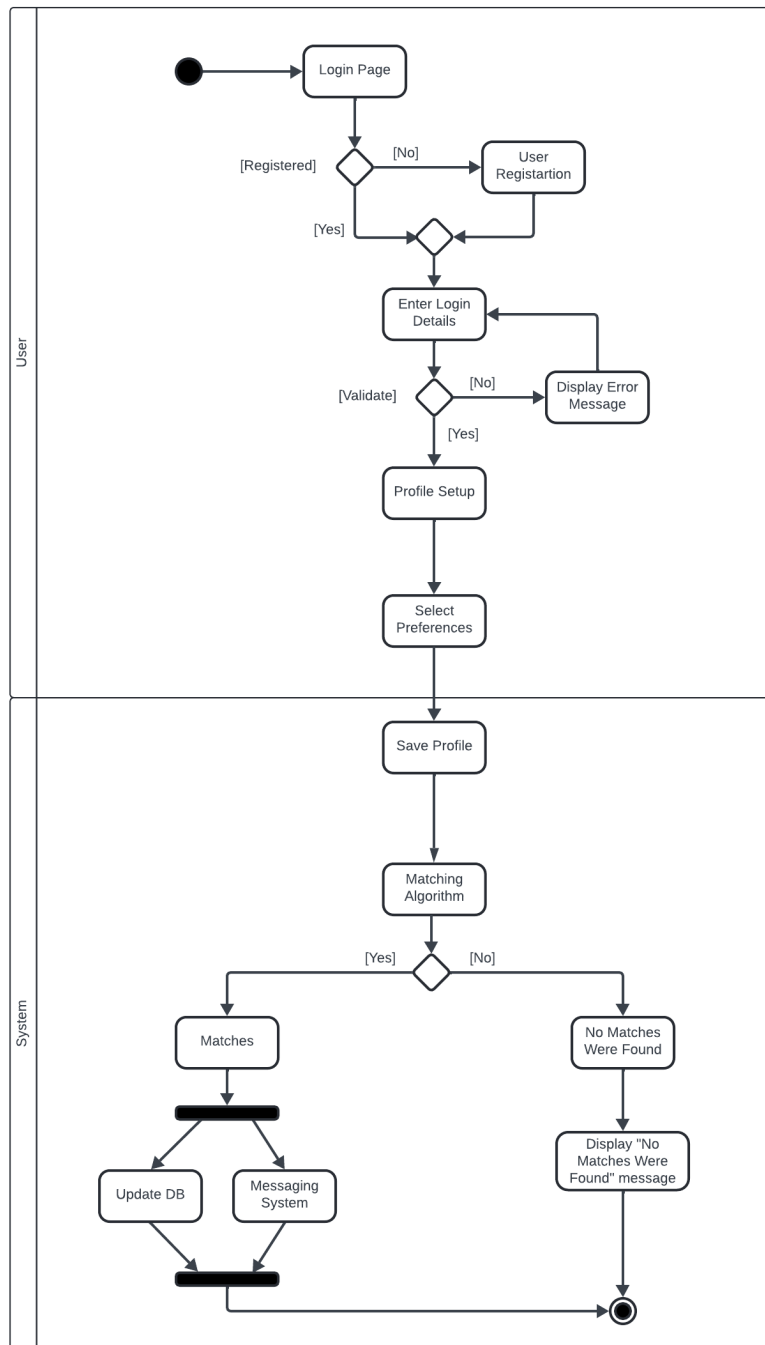


ACTIVITY DIAGRAM



This activity diagram illustrates the process flow for a Roommate Matching System, capturing user registration, login, profile setup, and match results. This diagram is divided into two swimlanes, user and system. Users will register, set up their profile, and select preferences, while the system then saves the profile and runs a matching algorithm. If the matches are found, the system will allow the users to interact through the messaging system, or if there are no matches found, the system will display a “No Matches Were Found” message.

