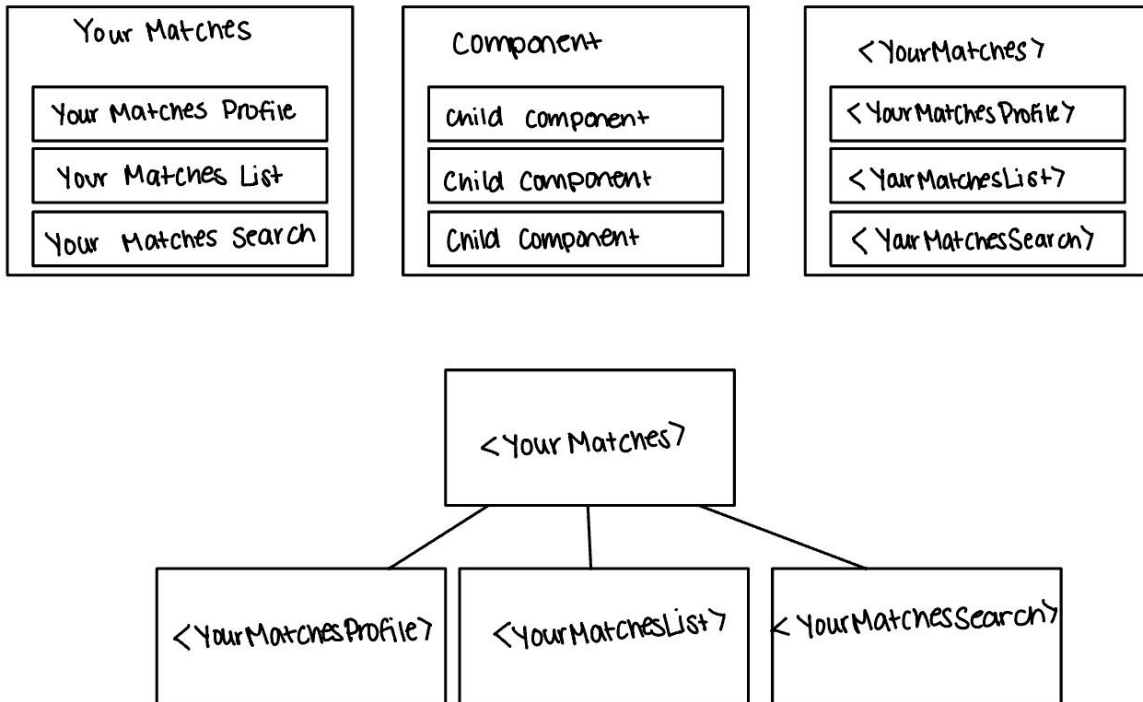


## Modern Web Development: Feature 4

### Component Tree Diagram



Explanation: In our study buddy website, users can connect with other users who are currently in the same course in school as them, or who have previously taken a course they are in. These connections allow users to collaborate, help each other learn, and be successful in their classes. In the website, users specify whether they need help in a specific course, or if they can provide help in a course. The “Your Matches” section of the website allows users to see who they matched with. If the user needs help in a course, they can match with users that can provide help in a course, or who also need help in a course. This component of the website allows users to view and edit their profile (<YourMatchesProfile>) as they might want to update the courses they need help with/ can provide help for. Additionally, this component allows users to see a list of other students they matched with. Lastly, in this component, users can search for either a course they need help with or for other users. All of these different attributes are included in the components diagram.