**EduCode MongoDB Database Design Document**

1. **Database Overview**

* **Database Name:** EduCode
* **Description:** The purpose of this database is to provide a means of logging users’ VSCode interactions and the LLM’s suggestions. This will help inform EduCode on how much help to continue giving the user while they are coding.

1. **Database Structure**

* **Collections:**
  + CodeSuggestions: Stores all the code suggestions made by the LLM and displayed to the user, including whether they are accepted by the user.
  + UserInteractions: Stores important user interactions with VSCode and EduCode’s code suggestions.

1. **Data Model**

* **Collection: CodeSuggestions**

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* **Collection: UserInteractions**

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