

Pendikan: Your Personal Tutor

Group Number : 12

Group Members :

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Users

Student	
Id:	<i>unique mongoDB id</i>
Password:	<i>hashed password</i>
Courses:	<i>array of course ids [from course collection] he/she is enrolled in</i>
Tutoring In:	<i>array of courses he/she is tutoring in</i>
Name:	<i>name of the student</i>
Email:	<i>email of the student</i>
Number:	<i>number of the student</i>
Honor Points	<i>students honor points</i>

The User collection will store all users and their information. Users will be able to login, update their profile, and post requests.

Student	
Property	Data Type
Id:	<i>unique mongoDB id</i>
Password:	<i>hashed password</i>
Courses:	<i>array</i>
Tutoring In:	<i>array</i>
Name:	<i>String</i>
Email:	<i>Email string</i>
Number:	<i>integer</i>
Honor Points	<i>floating integer</i>

Courses

Courses	
Id	<i>unique mongoDB id</i>
Name	<i>name of the subject</i>
Description	<i>brief description of the project</i>

The course collection will store all courses, their name and some initial information.

Courses	
Property	Data Type
Id	<i>unique mongoDB id</i>
Name	<i>String</i>
Description	<i>String</i>

Requests

Requests	
Id	<i>unique mongoDB id</i>
Status	<i>Active or Closed</i>
From	<i>Student who posted the request</i>
Subject ID	<i>id from SUBJECTS collection</i>
Replied	<i>array of Tutor ids who replied</i>
Time	<i>Time when the request was posted</i>
Meet	
Details:	<i>subdocument</i>
	<i>Preferred Time of Meet</i> <i>preferred time entered by the user</i>
	<i>Preferred Location of Meet</i> <i>preferred location ids entered by the user</i>
	<i>Preferred Duration of Meet</i> <i>preferred duration entered by the user</i>
	<i>Preferred Language</i> <i>preferred language entered by the user</i>
Priority	<i>priority of the request</i>

The User posts a REQUEST whenever he wants a tutoring session. This REQUEST would be added to the REQUEST collection with the following properties as mentioned above.

Property Details:

1. Status: Active/Closed : If the request is open or closed.
2. From: Tells us who posted the request.
3. Subject ID: Tells us the course ID in which the student requires tutoring in
4. Replied: Array of Tutors who replied to the request
5. Meet: Subdocument
6. Priority: Priority of the request: 1/High, 2/Medium, 3/Low.

Requests	
Property	Data Type
Id	<i>unique mongoDB id</i>
Status	<i>bool</i>
From	<i>unique mongoDB id [from Users Collection]</i>
Subject ID	<i>unique mongoDB id [from Courses Collection]</i>
Replied	<i>array [unique mongoDB ids from Users Collection]</i>
Time	<i>time</i>
Priority	<i>integer</i>

Locations

The Location collection will store all locations along with their information.

Locations	
Id	<i>unique mongoDB id</i>
Name	<i>name of the location</i>