

Database Collections

Manager

Column	Data Type	Description
name	String	The manager's name.
email	String	The manager's email, must be unique.
password	String	The manager's password, stored as a hash.
confirmPass	String	Field to confirm the password (should match password).
role	Number	Role identifier for the manager (e.g., 1 for manager).

Blog

Column	Data Type	Description
title	String	The title of the blog post, required field.
content	String	The main content of the blog post, required field.
image	String	URL of the blog post image (optional).
author	String	ID of the user who authored the blog post, required field (stored as a reference).
createdAt	String	Timestamp of when the blog post was created, stored as a date string (default is current time).
status	String	Status of the blog post, default is "active" (can be 'active' or 'blocked').

User

Column	Data Type	Description
name	String	The user's name.
email	String	The user's email, must be unique.
password	String	The user's password, stored as a hash.
phone	Number	The user's phone number (optional).
role	Number	The user's role (e.g., 0 for general user, 1 for admin).
resetCode	String	Code used for resetting the user's password, default is an empty string.
resetCodeExpiration	String	Expiration time for the reset code, stored as a date string, default is current time.
education	String	The highest level of education completed (e.g., '10', '+2', 'Under Graduate').
courses	String	List of course names associated with the user, stored as an array of strings.
marks_tenthMark	Number	User's score in 10th grade (default is 0).
marks_twelfthMark	Number	User's score in 12th grade (default is 0).
marks_degreeMark	Number	User's score in undergraduate degree (default is 0).
marks_pgMark	Number	User's score in postgraduate degree (default is 0).
createdAt	String	Timestamp of when the record was created, stored as a date string.
updatedAt	String	Timestamp of the most recent update, stored as a date string.

Category

Column	Data Type	Description
name	String	The name of the category, required field, must be unique.
subcategories	String	List of subcategory names associated with the category, stored as a comma-separated string (optional).

Course

Column	Data Type	Description
name	String	The short name of the course, required field.
fullName	String	The full name of the course, required field.
description	String	Detailed description of the course, required field, with a minimum length of 10 characters.
eligibility	String	Eligibility criteria for enrolling in the course, required field.
category	String	ID of the category to which the course belongs, required field (stored as a reference).
subcategory	String	Subcategory associated with the course, required field.
job	String	List of job titles related to the course, stored as a comma-separated string (optional).
entrance	String	List of entrance exams related to the course, stored as a comma-separated string (optional).
duration	Number	Duration of the course in months, required field.

Job

Column	Data Type	Description
name	String	The name of the job, required field, must be unique.
description	String	Detailed description of the job, required field, with a minimum length of 10 characters.
eligibility	String	List of eligibility criteria for the job, stored as a comma-separated string (optional).
industry	String	List of industries related to the job, stored as a comma-separated string (optional).
category	String	ID of the category to which the job belongs, stored as a reference (optional).

Premium User

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
email	String	Required, Unique (User email)
name	String	Required (User's full name)
isPremium	Boolean	Default: false (Indicates if user is a premium member)
paymentStatus	String	Default: 'pending' (Payment status for premium subscription)

Aptitude Question

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
question	String	Required
trait	String	Required, Must be one of (Math, Verbal, Logic)
options	Array	Embedded array of option objects
options.text	String	Required (Option text)
options.score	Number	Required, Range: 0-100
createdAt	Date	Default: Date.now

PersonalityResult

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
email	String	Required, Trimmed
scores.extraversion	Number	Required, Range: 0-100
scores.agreeableness	Number	Required, Range: 0-100
scores.conscientiousness	Number	Required, Range: 0-100
scores.neuroticism	Number	Required, Range: 0-100
scores.openness	Number	Required, Range: 0-100
timestamp	Date	Default: Date.now (Submission time)

Report

Column	Data Type	Description
blogId	String	ID of the blog post being reported, required field (stored as a reference).
reason	String	Reason for reporting the blog, required field (options include 'Violence Content', 'False Information', 'Nudity or Sexual Content', 'Promoting Unwanted Content', 'I Just Don't Like the Post').
reportedBy	String	ID of the user who reported the blog, required field (stored as a reference).
createdAt	String	Timestamp of when the report was created, stored as a date string (default is current time).
isBlocked	Boolean	Status indicating whether the reported blog is blocked, default is false.

MockTest

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
title	String	Required (Mock test title)
description	String	Required (Brief about the test)
duration	Number	Required (Duration in minutes)
totalMarks	Number	Required (Total marks for the test)
numberOfQuestions	Number	Required (Total number of questions)
questions	Array	Embedded array of question objects
questions.questionText	String	Required (Question text)
questions.options	Array	Embedded array of option objects
questions.options.optionText	String	Required (Option text)
questions.options.isCorrect	Boolean	Required (Indicates if the option is correct)
questions.marks	Number	Required (Marks for the question)
questions.steps	Array of Strings	Required (Step-wise explanation for the question)
passingMarks	Number	Required (Minimum marks required to pass)
status	Boolean	Default: true (Indicates if the test is active)
createdAt	Date	Auto-generated timestamp
updatedAt	Date	Auto-updated timestamp

Question

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
question	String	Required
options	Array	Embedded array of option objects
options.text	String	Required (Option text)
options.score	Number	Required (Score for the option)
trait	String	Required, Must be one of (Neuroticism, Agreeableness, Conscientiousness, Openness, Extraversion)
createdAt	Date	Default: Date.now (Creation timestamp)

Aptitude Result

Column Name	Data Type	Constraints & Description
_id	ObjectId	Primary Key (Unique Identifier)
email	String	Required
scores.math	Number	Required (Math Score)
scores.verbal	Number	Required (Verbal Score)
scores.logic	Number	Required (Logic Score)
timeRemaining	Number	Default: 0 (Tracks remaining time when submitted)
timestamp	Date	Default: Date.now (Submission time)