**AskJC Chatbot**

This document describes all available APIs in the Chatbot. It explains **when to call each endpoint**, **what to send**, and **what to expect**.

**USER**

Users are created automatically (no login). Each device/browser is assigned a `user\_id`.

**Create or Get User**

POST http:localhost:3000/user/get-or-create

**Response**

{

"success": true,

"data": {

"id": 1,

"device\_id": "abc-xyz-123",

"created\_at": "2025-08-22T12:00:00.000Z"

}

}

**Frontend**: Save user\_id in localStorage.

**CHATBOT SESSIONS**

Sessions group multiple queries from a user.

**Create Session**

POST http://localhost:3000 /session

**Request**

{

"user\_id": 1

}

**Response**

{

"success": true,

"data": {

"id": 10,

"user\_id": 1,

"total\_queries": 0,

"created\_at": "2025-08-22T12:01:00.000Z"

}

}

**QUERIES**

Each message/question sent to the chatbot is stored as a query.

**Create Query**

POST http://localhost:3000/query

**Request**

{

"user\_id": 1,

"session\_id": 10,

"query\_text": "What are the tuition fees for Computer Science?"

}

**Response**

{

"success": true,

"data": {

"id": 100,

"user\_id": 1,

"session\_id": 10,

"query\_text": "What are the tuition fees for Computer Science?",

"reply": "The tuition fee is ₱50,000 per semester.",

"created\_at": "2025-08-22T12:05:00.000Z"

}

}

**Get Query by ID**

GET http://localhost:3000/query/:id

**FEEDBACK**

Users can rate or comment on chatbot responses.

**Create Feedback**

POST http://localhost:3000/feedback

**Request**

{

"query\_id": 100,

"user\_id": 1,

"rating": 5,

"comment": "Very helpful!",

"resolved\_issue": true

}

**Response**

{

"success": true,

"data": {

"id": 50,

"query\_id": 100,

"user\_id": 1,

"rating": 5,

"comment": "Very helpful!",

"resolved\_issue": true,

"created\_at": "2025-08-22T12:07:00.000Z"

}

}

**TEACHER**

**Get All Teachers**

GET http://localhost:3000/teacher

**Create Teacher**

POST http://localhost:3000/teacher

{

"department\_id": 2,

"employee\_name": "Dr. John Smith",

"office\_location": "Building A, Room 301"

}

**DEPARTMENT**

**Get All Departments**

GET http://localhost:3000/department

**Create Department**

POST http://localhost:3000/department

{

"name": "Computer Science",

"tuition\_fee": 50000,

"head\_name": "Prof. Alice",

"description": "Covers programming, AI, and systems",

"building": "Main",

"floor": "2",

"career\_path": "Software Engineer, AI Specialist"

}

**COURSE**

**Get All Courses**

GET http://localhost:3000/course

**Create Course**

POST http://localhost:3000/course

{

"department\_id": 1,

"name": "Bachelor of Science in Computer Science",

"total\_course": 40

}

**FAQs**

**Get All FAQs**

GET http://localhost:3000/faq

**Create FAQ**

POST http://localhost:3000/faq

{

"department\_id": 1,

"question": "What is the admission process?",

"answer": "Submit application, take entrance exam, attend interview.",

"category": "Admissions"

}

**QUESTION KEYWORDS**

**Get All Keywords**

GET http://localhost:3000/keyword

**Create Keyword**

POST http://localhost:3000/keyword

{

"faq\_id": 1,

"keyword": "admission"

}

**🔹 Greetings**

**Get Greetings**

GET http://localhost:3000/greet

**Example Response**

{

"success": true,

"data": [

{ "id": 1, "message": "Hi! How can I assist you today?" },

{ "id": 2, "message": "Welcome back! What would you like to know?" }

]

}

**SCHOOL DETAILS**

**Get School Details**

GET http://localhost:3000/school-detail

**Create School Detail**

POST http://localhost:3000/school-detail

{

"name": "JC University",

"small\_details": "Founded in 1980, JC University is a top school in Manila.",

"year\_built": 1980,

"vision": "Excellence in education",

"mission": "Empowering students",

"address": "123 Main St, Manila",

"accreditation": "CHED Accredited"

}

**CONTACT**

**Get All Contacts**

GET http://localhost:3000/contact

**Create Contact**

POST http://localhost:3000/contact

{

"school\_detail\_id": 1,

"info": "Registrar’s Office",

"website": "https://jcuniversity.edu",

"number": "0917-123-4567"

}

**School FAQs**

**Get All School FAQs**

GET http://localhost:3000/school-faq

**Create School FAQ**

POST http://localhost:3000/school-faq

{

"school\_detail\_id": 1,

"question": "Where can I get my transcript?",

"answer": "You can request transcripts at the Registrar’s Office.",

"category": "Student Records",

"priority": 1,

"view\_count": 0,

"is\_active": true

}