**API Documentation for Courier Delivery Service**

**Overview**

The Courier Delivery Service is divided into three microservices: Client, Courier, and Business. Each microservice has its own set of endpoints to handle specific functionalities.

**Core URL Patterns**

All requests are routed through the core courier\_delivery module which includes the following URL patterns:

* admin/
* api/business/
* api/client/
* api/courier/

**Client Microservice**

The Client microservice manages client authentication, user data, orders, and stores.

**Endpoints**

**Authentication**

* **URL:** api/client/auth/
* **Method:** POST
* **Description:** Authenticate a user.
* **Request Body:**

{

"email": "string",

"password": "string"

}

* **Response:**

{

"status": "success",

"token": "string",

"user": { ... }

}

**Update User Information**

* **URL:** api/client/update/
* **Method:** PUT
* **Description:** Update user information.
* **Request Body:**

{

"uid": "string",

"name": "string",

"address": "string",

...

}

* **Response:**

{

"status": "success",

"message": "User information updated successfully."

}

**Get User Data**

* **URL:** api/client/user/<str:uid>/
* **Method:** GET
* **Description:** Retrieve user data.
* **Response:**

{

"status": "success",

"user": { ... }

}

**Get Orders**

* **URL:** api/client/orders/<str:uid>/
* **Method:** GET
* **Description:** Retrieve all orders for a user.
* **Response:**

{

"status": "success",

"orders": [ ... ]

}

**Create Order**

* **URL:** api/client/orders/
* **Method:** POST
* **Description:** Create a new order.
* **Request Body:**

json

Копировать код

{

"customer\_uid": "string",

"business\_id": "string",

"items": [ ... ]

}

* **Response:**

json

Копировать код

{

"status": "success",

"order\_id": "int"

}

**Get Order Details**

* **URL:** api/client/order/<int:order\_id>/details/
* **Method:** GET
* **Description:** Retrieve details of a specific order.
* **Response:**

{

"status": "success",

"order": { ... }

}

**Get Stores**

* **URL:** api/client/stores/
* **Method:** GET
* **Description:** Retrieve all stores.
* **Response:**

{

"status": "success",

"stores": [ ... ]

}

**Courier Microservice**

The Courier microservice handles courier authentication, shift management, order acceptance, and location updates.

**Endpoints**

**Courier Login**

* **URL:** api/courier/courier/login/
* **Method:** POST
* **Description:** Authenticate a courier.
* **Request Body:**

{

"phone": "string",

"password": "string"

}

* **Response:**

{

"status": "success",

"token": "string",

"courier": { ... }

}

**Toggle Shift**

* **URL:** api/courier/courier/toggle\_shift/
* **Method:** POST
* **Description:** Start or end a courier's shift.
* **Request Body:**

{

"courier\_id": "int"

}

* **Response:**

{

"status": "success",

"shift\_status": "started" or "ended"

}

**Accept Order**

* **URL:** api/courier/courier/accept\_order/
* **Method:** POST
* **Description:** Accept an order for delivery.
* **Request Body:**

{

"order\_id": "int",

"courier\_id": "int"

}

* **Response:**

json

Копировать код

{

"status": "success",

"order\_status": "delivering"

}

**Send Location**

* **URL:** api/courier/courier/send\_location/
* **Method:** POST
* **Description:** Update courier's current location.
* **Request Body:**

json

Копировать код

{

"courier\_id": "int",

"latitude": "float",

"longitude": "float"

}

* **Response:**

{

"status": "success"

}

**Get Orders**

* **URL:** api/courier/orders/<str:uid>/
* **Method:** GET
* **Description:** Retrieve all orders assigned to a courier.
* **Response:**

{

"status": "success",

"orders": [ ... ]

}

**Create Order**

* **URL:** api/courier/orders/
* **Method:** POST
* **Description:** Create a new order (same as client, not used here).
* **Request Body:**

{

"customer\_uid": "string",

"business\_id": "string",

"items": [ ... ]

}

* **Response:**

{

"status": "success",

"order\_id": "int"

}

**Business Microservice**

The Business microservice handles store information, categories, and items.

**Endpoints**

**Get Stores**

* **URL:** api/business/stores/
* **Method:** GET
* **Description:** Retrieve all stores.
* **Response:**

{

"status": "success",

"stores": [ ... ]

}

**Get Categories**

* **URL:** api/business/<str:store\_name>/categories/
* **Method:** GET
* **Description:** Retrieve categories for a specific store.
* **Response:**

{

"status": "success",

"categories": [ ... ]

}

**Get Items**

* **URL:** api/business/categories/<int:category\_id>/items/
* **Method:** GET
* **Description:** Retrieve items for a specific category.
* **Response:**

{

"status": "success",

"items": [ ... ]

}

**Get Item Details**

* **URL:** api/business/items/<int:item\_id>/
* **Method:** GET
* **Description:** Retrieve details of a specific item.
* **Response:**

{

"status": "success",

"item": { ... }

}