

# Profile Management API Documentation

Lorena A. Quincoso-Lugones ([lquin135@fiu.edu](mailto:lquin135@fiu.edu))

## Introduction

Welcome to the Profile Management API documentation. This API allows developers to integrate and manage user profiles within their applications. With this API, you can create, retrieve, update, and create credit cards for user profiles, as well as perform various operations related to profile management.

## Base URL

<http://localhost:8085/profile-management>

## Endpoints

### 1. Create a User

**'POST'** -> <http://localhost:8085/profile-management>

Create a new user profile.

Request:

```
{
  "username": "andres",
  "password": "aea93*",
  "fullName": "Andres Gonzalez",
  "email": "anres@gmail.com",
  "address": "3435435 NW 114th"
}
```

Response:

NONE

=====

## 2. Retrieve a User

**'GET'** -> <http://localhost:8085/profile-management/{username}>

Retrieve user details given a username.

Request:

NONE

Response:

```
{  
  "username": "lquincoso",  
  "fullName": "Lorena Macarena",  
  "email": "lquin135@fiu.edu",  
  "address": "6649 NW"  
}
```

=====

## 3. Update a User

**'PATCH'** -> <http://localhost:8085/profile-management/{username}>

Update an existing user profile by providing the username.

Request

```
{  
  "password": "lquincoso*34",  
  "fullName": "Lorena Macarena",  
  "address": "6649 NW"  
}
```

Response:

NONE

=====

#### 4. Create Credit Card that belongs to User

**'POST'** -> <http://localhost:8085/profile-management/{username}>

Create a Credit Card for a given user.

Request

```
{  
  "creditCardNumber": "1234565",  
  "cardholderName": "Juanda A.",  
  "expirationDate": "11/25",  
  "cvv": "110"  
}
```

Response:

NONE

=====

## Error Handling and Validation

In case of an error, the API will return an appropriate HTTP status code, and the server will also output an error in console. In the other hand, for validation, Postman will output a JSON response containing details about the error.

Example:

In the case of the POST Create user, if we erase the email field this is what Postman outputs as Response:

```
{
```

```
"email": "email field can't be empty or null"
}
```

=====

## Conclusion

This concludes the documentation for the Profile Management API. If you have any questions or need further assistance, please contact the developer at [lquin135@fiu.edu](mailto:lquin135@fiu.edu).