

PreCode Generator API v1

REST API user auth y code generation by use of Gemini API.

POST /auth/login

login and creation of token JWT (Security: None)

Body/Headers (Request)

```
{
  "contentType": "application/json",
  "body": {
    "email": {
      "type": "string",
      "required": true,
      "description": "User Email.",
      "example": "user@example.com"
    },
    "password": {
      "type": "string",
      "required": true,
      "description": "User password.",
      "example": "mypassword"
    }
  }
}
```

Response Codes:

- 200:** Login succesfull.
- 400:** Invalid request. Missing fields.
- 401:** Invalid credentials.
- 404:** User does not exist.

GET /auth/profile

Obtain auth. user datas (Security: JWT Bearer Token)

Body/Headers (Request)

```
{
  "headers": {
    "Authorization": {
      "type": "string",
      "required": true,
      "description": "Bearer <jwt_token>"
    }
  }
}
```

Response Codes:

- 200:** Obtained profile.
- 401:** Not authorized. Invalid or missing Token.

POST /gemini/process

Code generation by IA (Security: JWT Bearer Token)

Body/Headers (Request)

```
{
  "contentType": "application/json",
  "headers": {
    "Authorization": {
      "type": "string",
      "required": true,
      "description": "Bearer <jwt_token>"
    }
  },
  "body": {
    "task_type": {
      "type": "string",
      "required": true,
      "description": "Required task.",
      "example": "code_generation"
    },
    "data": {
      "type": "object",
      "required": true,
      "description": "Task configuration.",
      "fields": {
        "target_language": {
          "type": "string",
          "required": true,
          "example": "Python"
        },
        "user_instructions": {
          "type": "string",
          "required": true,
          "example": "Crate a class with a constructor."
        },
        "context_headers": {
          "type": "object",
          "required": false,
          "description": "Class restrictions/methods."
        },
        "style_config": {
          "type": "object",
          "required": false,
          "description": "Code style (ej. snake_case)."
        }
      }
    }
  }
}
```

Response Codes:

- 200:** Code generated succesfully.
- 400:** Invalid request. Missing required fields.
- 401:** Not authorized. Invalid Token.
- 500:** Gemini API or Internal Server Error.