

## Visitor Security Clearance System Guidance

### APIs:

#### Visitor CRUD

##### 1. Create Visitor

- Description: Registers a new visitor.
- Note: Visitor can self-register.
- Note: Check for existing user by email ID

##### 2. Read Visitor

- Description: Retrieves details of a specific visitor by ID.

##### 3. Update Visitor

- Description: Updates details of a specific visitor.

##### 4. Delete Visitor

- Description: Deletes a specific visitor.

#### Security CRUD

##### 5. Create Security

- Description: Registers a new security personnel.

##### 6. Read Security

- Description: Retrieves details of a specific security personnel by ID.

##### 7. Update Security

- Description: Updates details of a specific security personnel.

##### 8. Delete Security

- Description: Deletes a specific security personnel.

#### Manager CRUD

##### 9. Create Manager

- Description: Registers a new manager.

##### 10. Read Manager

- Description: Retrieves details of a specific manager by ID.

##### 11. Update Manager

- Description: Updates details of a specific manager.

##### 12. Delete Manager

- Description: Deletes a specific manager.

## Office CRUD

### 13. Create Office

- Description: Registers a new office.

### 14. Read Office

- Description: Retrieves details of a specific office by ID.

### 15. Update Office

- Description: Updates details of a specific office.

### 16. Delete Office

- Description: Deletes a specific office.

## Login System

- **Login**

- Endpoint: **POST /login**
- Description: Authenticates a user if they exist.

## Additional Functionalities:

### Create Pass

- **Create Pass**

- Description: Creates a pass for a visitor.
- Note: The pass is sent as a PDF via email.

### Pass Status

- **Update Pass Status**

- Description: Updates the status of a pass (accepted or rejected).

### Get Visitors by Status

- **Get Visitors by Status**

- Endpoint: **GET /visitors**
- Description: Retrieves all visitors filtered by status.

Credentials for Send mail:

Sender's mail: [tidkeshubham10@gmail.com](mailto:tidkeshubham10@gmail.com)

SendGrid Key:

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

For Send mail functionality you can refer below link

[How to Send Emails Using ASP.NET Core Web API + Web Applications \(Using SendGrid\)](https://www.youtube.com/watch?v=...)  
(youtube.com)

