

API Documentation: Staff Check-in

This document provides the technical specification for the API endpoints related to staff check-in and check-out, as defined in `checkin_route.py`.

1. Staff Check-in

Records an employee's arrival time and determines their status (Checked In or Late) based on their role and schedule.

- **Endpoint:** POST `/checkin/in`
- **Description:** Creates a new check-in record for an employee. The logic for determining "Late" status varies between administrative staff/Learning Advisors and Teachers.
- **Authentication:** None required.
- **Request Body:**

Field	Type	Required	Description
employee_id	String	Yes	The ID of the employee who is checking in.

- **Example Request:**

```
{
  "employee_id": "EM005"
}
```

Responses:

- **201 Created (Success)**
 - **Description:** Returned when the check-in is recorded successfully.
 - **Body:**

```
{
  "message": "Check-in successful",
  "checkin_id": "CK001",
  "employee_id": "EM005",
}
```

```
"status": "Checked In",  
"checkin_time": "2025-08-05 09:10:15"  
}
```

- **400 Bad Request (Invalid Input)**

- **Description:** Returned if the request body is not valid JSON or if a Learning Advisor/Manager attempts to check in outside the allowed time window (09:00 - 20:00).

- **Body:**

```
{  
  "message": "Check-in time must be between 9:00 AM and  
  8:00 PM"  
}
```

- **404 Not Found**

- **Description:** Returned if the employee_id does not exist, or if a Teacher has no classes scheduled for the current day.

- **Body:**

```
{  
  "message": "Employee not found"  
}
```

2. Staff Check-out

Performs a mass check-out for all employees who are currently checked in.

- **Endpoint:** PUT /checkin/out
- **Description:** Updates all active check-in records for the current day, setting their status to "Not Checked In" and recording the checkout_time.
- **Authentication:** None required.
- **Request Body:** (None)
- **Responses:**

- **200 OK (Success)**

- **Description:** Returned when the checkout process is completed successfully.

- **Body:**

```
{  
  "message": "Checked out 5 staff successfully."  
}
```

- **400 Bad Request (Too Early)**

- **Description:** Returned if the request is made before the allowed checkout time of 20:15.

- **Body:**

```
{  
  "message": "Checkout is only allowed after 8:15 PM"  
}
```