

RECEPTIONIST PARCEL APPLICATION

- Receptionist manages the Guests and their Parcels.
- These Guests can Check-In and Check-Out anytime.
- Guests have Parcels which the Receptionist Receives when Guests are Checked-In.
- Guests can Pick-up Parcel from the Receptionist.
- Receptionist Must not Receive Parcel for Checked-Out Guests.
- Receptionist hands over Unpicked Parcels at Guest Check-Out.
- Guests can Only Check-Out when All Parcels are Picked-Up.

Requirements (Specific):

1. Guests can Check-in with Name & Details.
2. Receptionist Checks if Guest is Checked-In.
3. Receives Parcel under (checked-in) Guest Name with Parcel Code.
4. Guests Pick-up Parcel at the Reception by Parcel Code.
5. Receptionist Checks List of Unpicked (Available) Parcels for Guest.
6. Guests can Check-out when All Parcels are Picked-up.

Tasks & Technology Stack:

1. Use Java 8 & Spring Boot.
2. Interceptor Adaptor for Logging Handles.
3. Junit 5 Test Cases.
4. Restful JSON-API in Designed Microservices.
5. Design & Usability Document (PDF file).
6. Swagger File Documentation & Testing.

Deliverables:

1. Source Code in GitHub Public repository.
2. Maven Build Spring Boot Project with Executable Jar.
3. README file to run and access the REST JSON-API.

