**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.**