
HOMEWORK – 2

Plant pre-allocation can be confirmed or rejected by the employee.

- Operations implied by the sequence diagram that should be mapped into REST interactions:
 - GET- Retrieves the pre-allocated PO.
 - PUT – Confirm and update plant pre-allocation PO.
 - DELETE – Reject, cancel and delete plant pre-allocation.
- State model associated with the resource purchase order. Submit a PDF file containing the new state model:

STATE MODEL GOES HERE

- REST API summarization:

| HTTP Verb | URI template | Relation | Current State | New State | Comments |
|-----------|-----------------------------------|-----------|--------------------------|--------------------------------|------------------------------|
| GET | /api/allocate/plants | findPO | Finding preallocated POs | Return pre-allocated POs | Query pending lists |
| PUT | /api/allocate/orders/{id}/confirm | confirmPO | Pre-allocated | Updating retrieved PO | Minimum one plant available. |
| PUT | /api/allocate/orders/{id}/confirm | confirmPO | Update PO | Notify success confirmation | Use (HTTP status 200) |
| DELETE | /api/allocate/orders/{id}/confirm | rejectPO | Rejected | Retrieve PO | |
| DELETE | /api/allocate/orders/{id}/confirm | cancelPO | Cancelling reservation | Deleting reservation | |
| PUT | /api/allocate/orders/{id}/confirm | UpdatePO | Update PO (Rejected) | Notify successful deallocation | Use (HTTP status 200) |