

Software Requirements Specification (SRS)

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Overview

This document describes the API endpoints and responsibilities of the controller classes in the backend application.

AssetController

Base URL: `/api/assets``

Endpoints:

- **GET** `/api/assets/`` -> `getAllAssets()`
- **GET** `/api/assets/category/{category}`` -> `getAssetsByCategory(@PathVariable String category)``
- **GET** `/api/assets/status/{status}`` -> `getAssetsByStatus(@PathVariable String status)``
- **GET** `/api/assets/search`` -> `searchAssetsByAssignedTo(@RequestParam String keyword)``
- **GET** `/api/assets/employee/{id}`` -> `getAssetsByEmployeeDbld(@PathVariable Long id)``
- **POST** `/api/assets/`` -> `addAsset(@RequestBody Asset asset)``
- **PUT** `/api/assets/{id}`` -> `updateAsset(@PathVariable Long id, @RequestBody Asset asset)``
- **DELETE** `/api/assets/{id}`` -> `deleteAsset(@PathVariable Long id)``

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AttendanceController

****Base URL:**** `/api/attendance`

****Endpoints:****

- ****GET**** `/api/attendance/` -> `getAllAttendance()`

- ****GET**** `/api/attendance/employee/{employeeId}` -> `getEmployeeAttendance(@PathVariable String employeeId)`

- ****POST**** `/api/attendance/mark` -> `markAttendance(@RequestBody Attendance attendanceRequest)`

AuthController

****Base URL:**** `/api/auth`

****Endpoints:****

- ****POST**** `/api/auth/register` -> `register(@RequestBody RegisterRequest request)`

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BankDocumentController

****Base URL:**** `/api/bankdocuments`

****Endpoints:****

- ****GET**** `/api/bankdocuments/` -> `getAllBankDocuments()`
- ****GET**** `/api/bankdocuments/{id}` -> `getBankDocumentById(@PathVariable Long id)`
- ****POST**** `/api/bankdocuments/` -> `createBankDocument(@RequestBody BankDocument bankDocument)`
- ****PUT**** `/api/bankdocuments/{id}` -> `updateBankDocument(@PathVariable Long id, @RequestBody BankDocument bankDocumentDetails)`
- ****DELETE**** `/api/bankdocuments/{id}` -> `deleteBankDocument(@PathVariable Long id)`

BillingController

****Base URL:**** `/api/billings`

****Endpoints:****

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- **GET** `/api/billings/` -> `getAllBillings()`
- **GET** `/api/billings/{id}` -> `getBillingById(@PathVariable Long id)`
- **POST** `/api/billings/` -> `createBilling(@RequestBody Billing billing)`
- **PUT** `/api/billings/{id}` -> `updateBilling(@PathVariable Long id, @RequestBody Billing billingDetails)`
- **DELETE** `/api/billings/{id}` -> `deleteBilling(@PathVariable Long id)`

CaDocumentController

Base URL: `/api/cadocuments`

Endpoints:

- **GET** `/api/cadocuments/` -> `getAllCaDocuments()`
- **GET** `/api/cadocuments/{id}` -> `getCaDocumentById(@PathVariable Long id)`
- **POST** `/api/cadocuments/` -> `createCaDocument(@RequestBody CaDocument caDocument)`
- **PUT** `/api/cadocuments/{id}` -> `updateCaDocument(@PathVariable Long id, @RequestBody CaDocument caDocumentDetails)`
- **DELETE** `/api/cadocuments/{id}` -> `deleteCaDocument(@PathVariable Long id)`

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CommissionsController

****Base URL:**** `/api/commissions`

****Endpoints:****

- ****POST**** `/api/commissions/` -> `createCommission(@RequestBody CommissionsDTO commissionsDTO)`

- ****GET**** `/api/commissions/` -> `getAllCommissions()`

- ****PUT**** `/api/commissions/{id}` -> `updateCommission(@PathVariable Long id, @RequestBody CommissionsDTO commissionsDTO)`

- ****DELETE**** `/api/commissions/{id}` -> `deleteCommission(@PathVariable Long id)`

CompanyRegistrationController

****Base URL:**** `/api/companyregistrations`

****Endpoints:****

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- **GET** `/api/companyregistrations/` -> `getAllCompanyRegistrations()`
- **GET** `/api/companyregistrations/{id}` -> `getCompanyRegistrationById(@PathVariable Long id)`
- **POST** `/api/companyregistrations/` -> `createCompanyRegistration(@RequestBody CompanyRegistration companyRegistration)`
- **PUT** `/api/companyregistrations/{id}` -> `updateCompanyRegistration(@PathVariable Long id, @RequestBody CompanyRegistration companyRegistrationDetails)`
- **DELETE** `/api/companyregistrations/{id}` -> `deleteCompanyRegistration(@PathVariable Long id)`

ElectricBillsController

Base URL: `/api/electric-bills`

Endpoints:

- **POST** `/api/electric-bills/` -> `createElectricBill(@RequestBody ElectricBillsDTO electricBillsDTO)`
- **GET** `/api/electric-bills/` -> `getAllElectricBills()`
- **PUT** `/api/electric-bills/{id}` -> `updateElectricBill(@PathVariable Long id, @RequestBody ElectricBillsDTO electricBillsDTO)`
- **DELETE** `/api/electric-bills/{id}` -> `deleteElectricBill(@PathVariable Long id)`

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EmployeeController

****Base URL:**** `/api/employees`

****Endpoints:****

- ****GET**** `/api/employees/{id}` / Handles HTTP GET requests to /api/employees/{id}

```
public ResponseEntity<Employee> getEmployeeById(@PathVariable Long id) {
```

```
    / @PathVariable extracts the ID from the URL path
```

```
    try {
```

```
        Employee employee = employeeService.getEmployeeById(id);
```

```
        return new ResponseEntity<>(employee, HttpStatus.OK); / Returns 200 OK status
```

```
    } catch (NoSuchElementException e) {
```

```
        return new ResponseEntity<>(HttpStatus.NOT_FOUND); / Returns 404 Not Found if employee doesn't exist
```

```
    }
```

```
}
```

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/**

* Endpoint to get an employee by their employee ID (e.g., EMP001).

* @param employeeId The unique employee ID.

* @return ResponseEntity with the employee and HTTP status.

*/

@GetMapping("/byEmployeeId/{employeeId}") / Handles HTTP GET requests to
/api/employees/byEmployeeId/{employeeId}

```
public ResponseEntity<Employee> getEmployeeByEmployeeId(@PathVariable String employeeId) {
```

```
try {
```

```
    Employee employee = employeeService.getEmployeeByEmployeeId(employeeId);
```

```
    return new ResponseEntity<>(employee, HttpStatus.OK);
```

```
} catch (NoSuchElementException e) {
```

```
    return new ResponseEntity<>(HttpStatus.NOT_FOUND);
```

```
}
```

```
}
```


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/**

* Endpoint to get all employee records.

* @return ResponseEntity with a list of all employees and HTTP status.

*/

@GetMapping / Handles HTTP GET requests to /api/employees

```
public ResponseEntity<List<Employee>> getAllEmployees() {
```

```
List<Employee> employees = employeeService.getAllEmployees();
```

```
return new ResponseEntity<>(employees, HttpStatus.OK);
```

```
}
```

/**

* Endpoint to update an existing employee record.

* @param id The internal ID of the employee to update.

* @param employeeDetails The updated employee details.

* @return ResponseEntity with the updated employee and HTTP status.

*/

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@PutMapping("/{id}") / Handles HTTP PUT requests to /api/employees/{id}

```
public ResponseEntity<Employee> updateEmployee(@PathVariable Long id, @RequestBody Employee
employeeDetails) {
```

```
try {
```

```
Employee updatedEmployee = employeeService.updateEmployee(id, employeeDetails);
```

```
return new ResponseEntity<>(updatedEmployee, HttpStatus.OK); / Returns 200 OK
```

```
} catch (NoSuchElementException e) {
```

```
return new ResponseEntity<>(HttpStatus.NOT_FOUND); / Returns 404 Not Found
```

```
}
```

```
}
```

```
/**
```

```
* Endpoint to delete an employee record.
```

```
* @param id The internal ID of the employee to delete.
```

```
* @return ResponseEntity with HTTP status.
```

```
*/
```

@DeleteMapping("/{id}") / Handles HTTP DELETE requests to /api/employees/{id}

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```
public ResponseEntity<HttpStatus> deleteEmployee(@PathVariable Long id) {

    try {

        employeeService.deleteEmployee(id);

        return new ResponseEntity<>(HttpStatus.NO_CONTENT); / Returns 204 No Content (successful deletion)

    } catch (NoSuchElementException e) {

        return new ResponseEntity<>(HttpStatus.NOT_FOUND); / Returns 404 Not Found

    }

}

/**

 * Endpoint to update an employee's status.

 * @param id The internal ID of the employee to update.

 * @param status The new status for the employee.

 * @return ResponseEntity with the updated employee and HTTP status.

 */

@PutMapping("/{id}/status") / Handles HTTP PUT requests to /api/employees/{id}/status
```

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```
public ResponseEntity<Employee> updateEmployeeStatus(@PathVariable Long id, @RequestParam String status) {

    try {

        Employee updatedEmployee = employeeService.updateEmployeeStatus(id, status);

        return new ResponseEntity<>(updatedEmployee, HttpStatus.OK);

    } catch (NoSuchElementException e) {

        return new ResponseEntity<>(HttpStatus.NOT_FOUND);

    }

}

@PostMapping("/login")

public ResponseEntity<?> login(@RequestBody Map<String, String> loginData) {

    String email = loginData.get("email");

    String password = loginData.get("password");

    Optional<Employee> employeeOpt = employeeService.getAllEmployees().stream()

        .filter(emp -> emp.getEmail().equals(email) && emp.getPassword().equals(password))

        .findFirst();
```

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```
if (employeeOpt.isPresent()) {  
  
    return ResponseEntity.ok(employeeOpt.get());  
  
} else {  
  
    return ResponseEntity.status(HttpStatus.UNAUTHORIZED).body("Invalid email or password");  
  
}  
  
}
```

/**

* Endpoint to register a new employee account.

* Accepts employeeName, employeeId, email, password, phoneNumber, and roles (as ["EMPLOYEE"]).

* Uses the first role in the list for the Employee entity.

* @param request The registration request DTO.

* @return ResponseEntity with the created employee and HTTP status.

*/

```
@PostMapping("/register")  
-> registerEmployee(@RequestBody  
com.example.storemanagementbackend.dto.RegisterRequest request)
```

- **POST** /api/employees/hr/register -> hrRegisterEmployee(@RequestBody EmployeeRegistrationRequest

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request)`

EmployeeDocumentController

****Base URL:**** `/api/hr`

****Endpoints:****

- ****GET**** `/api/hr/documents` -> `getAllDocuments()`
- ****GET**** `/api/hr/documents/employee/{employeeId}` -> `getDocumentsByEmployeeId(@PathVariable String employeeId)`
- ****GET**** `/api/hr/documents/type/{documentType}` -> `getDocumentsByType(@PathVariable String documentType)`
- ****GET**** `/api/hr/documents/{id}` -> `getDocumentById(@PathVariable Long id)`
- ****POST**** `/api/hr/upload/{docType}/{employeeId}` -> `uploadDocument(@PathVariable String docType, @PathVariable String employeeId, @RequestParam("file"))`
- ****GET**** `/api/hr/download/{employeeId}/{docType}` -> `downloadDocument(@PathVariable String employeeId, @PathVariable String docType, HttpServletRequest request)`
- ****DELETE**** `/api/hr/documents/{id}` -> `deleteDocument(@PathVariable Long id)`

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ExpoAdvertisementController

Base URL: `/api/expo-advertisements``

Endpoints:

- **POST** `/api/expo-advertisements/`` -> `createExpoAdvertisement(@RequestBody ExpoAdvertisementDTO expoAdvertisementDTO)``
- **GET** `/api/expo-advertisements/`` -> `getAllExpoAdvertisements()``
- **PUT** `/api/expo-advertisements/{id}`` -> `updateExpoAdvertisement(@PathVariable Long id, @RequestBody ExpoAdvertisementDTO expoAdvertisementDTO)``
- **DELETE** `/api/expo-advertisements/{id}`` -> `deleteExpoAdvertisement(@PathVariable Long id)``

FinanceReportController

Base URL: `/api/financereports``

Endpoints:

- **GET** `/api/financereports/`` -> `getAllFinanceReports()``

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- **GET** `/api/financereports/{id}` -> `getFinanceReportById(@PathVariable Long id)`
- **POST** `/api/financereports/` -> `createFinanceReport(@RequestBody FinanceReport financeReport)`
- **PUT** `/api/financereports/{id}` -> `updateFinanceReport(@PathVariable Long id, @RequestBody FinanceReport financeReportDetails)`
- **DELETE** `/api/financereports/{id}` -> `deleteFinanceReport(@PathVariable Long id)`

FixedStationaryController

Base URL: `/store/stationary/fixed`

Endpoints:

- **GET** `/store/stationary/fixed/` -> `getAll()`
- **GET** `/store/stationary/fixed/{id}` -> `getById(@PathVariable Long id)`
- **POST** `/store/stationary/fixed/` -> `create(@RequestBody FixedStationary stationary)`
- **PUT** `/store/stationary/fixed/{id}` -> `update(@PathVariable Long id, @RequestBody FixedStationary stationary)`
- **DELETE** `/store/stationary/fixed/{id}` -> `delete(@PathVariable Long id)`

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FurnitureController

Base URL: `/store/assets/furniture``

Endpoints:

- **GET** `/store/assets/furniture/`` -> `getAll()`
- **GET** `/store/assets/furniture/{id}`` -> `getById(@PathVariable Long id)``
- **POST** `/store/assets/furniture/`` -> `create(@RequestBody Furniture furniture)``
- **PUT** `/store/assets/furniture/{id}`` -> `update(@PathVariable Long id, @RequestBody Furniture furniture)``
- **DELETE** `/store/assets/furniture/{id}`` -> `delete(@PathVariable Long id)``

IncentivesController

Base URL: `/api/incentives``

Endpoints:

- **POST** `/api/incentives/`` -> `createIncentive(@RequestBody IncentivesDTO incentivesDTO)``

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- **GET** `/api/incentives/` -> `getAllIncentives()`
- **PUT** `/api/incentives/{id}` -> `updateIncentive(@PathVariable Long id, @RequestBody IncentivesDTO incentivesDTO)`
- **DELETE** `/api/incentives/{id}` -> `deleteIncentive(@PathVariable Long id)`

InternetBillsController

Base URL: `/api/internet-bills/`

Endpoints:

- **POST** `/api/internet-bills/` -> `createInternetBill(@RequestBody InternetBillsDTO internetBillsDTO)`
- **GET** `/api/internet-bills/` -> `getAllInternetBills()`
- **PUT** `/api/internet-bills/{id}` -> `updateInternetBill(@PathVariable Long id, @RequestBody InternetBillsDTO internetBillsDTO)`
- **DELETE** `/api/internet-bills/{id}` -> `deleteInternetBill(@PathVariable Long id)`

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LabComponentController

****Base URL:**** `/store/lab/components`

****Endpoints:****

- ****GET**** `/store/lab/components/` -> `getAll()`
- ****GET**** `/store/lab/components/{id}` -> `getById(@PathVariable Long id)`
- ****POST**** `/store/lab/components/` -> `create(@RequestBody LabComponent component)`
- ****PUT**** `/store/lab/components/{id}` -> `update(@PathVariable Long id, @RequestBody LabComponent component)`
- ****DELETE**** `/store/lab/components/{id}` -> `delete(@PathVariable Long id)`

LabInstrumentController

****Base URL:**** `/store/lab/instruments`

****Endpoints:****

- ****GET**** `/store/lab/instruments/` -> `getAll()`
- ****GET**** `/store/lab/instruments/{id}` -> `getById(@PathVariable Long id)`

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- **POST** `/store/lab/instruments/` -> `create(@RequestBody LabInstrument instrument)`
- **PUT** `/store/lab/instruments/{id}` -> `update(@PathVariable Long id, @RequestBody LabInstrument instrument)`
- **DELETE** `/store/lab/instruments/{id}` -> `delete(@PathVariable Long id)`

LabInventoryTransactionController

Base URL: `/store/lab/inventory`

Endpoints:

- **GET** `/store/lab/inventory/` -> `getAll()`
- **GET** `/store/lab/inventory/{id}` -> `getById(@PathVariable Long id)`
- **POST** `/store/lab/inventory/` -> `create(@RequestBody LabInventoryTransaction transaction)`
- **PUT** `/store/lab/inventory/{id}` -> `update(@PathVariable Long id, @RequestBody LabInventoryTransaction transaction)`
- **DELETE** `/store/lab/inventory/{id}` -> `delete(@PathVariable Long id)`

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LabMaterialController

****Base URL:**** `/store/lab/materials`

****Endpoints:****

- ****GET**** `/store/lab/materials/` -> `getAll()`

- ****GET**** `/store/lab/materials/{id}` -> `getById(@PathVariable Long id)`

- ****POST**** `/store/lab/materials/` -> `create(@RequestBody LabMaterial material)`

- ****PUT**** `/store/lab/materials/{id}` -> `update(@PathVariable Long id, @RequestBody LabMaterial material)`

- ****DELETE**** `/store/lab/materials/{id}` -> `delete(@PathVariable Long id)`

LeaveController

****Base URL:**** `/api/leaves`

****Endpoints:****

- ****GET**** `/api/leaves/` -> `getAllLeaves()`

- ****POST**** `/api/leaves/` -> `createLeave(@RequestBody Leave leave)`

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- **DELETE** `/api/leaves/{id}` -> `deleteLeave(@PathVariable Long id)`

LeaveRequestController

Base URL: `/api`

Endpoints:

- **POST** `/api/leave-requests/employee` -> `submitLeaveRequest(@RequestBody LeaveRequestDTO dto)`

- **GET** `/api/leave-requests/employee/{employeeId}` -> `getLeaveRequestsByEmployee(@PathVariable String employeeId)`

- **GET** `/api/leave-requests/hr/all` -> `getAllLeaveRequests()`

- **GET** `/api/leave-requests/hr/status/{status}` -> `getLeaveRequestsByStatus(@PathVariable String status)`

- **GET** `/api/leave-requests/non-approved` -> `getNonApprovedLeaveRequests()`

- **PUT** `/api/leave-requests/hr/{id}/approve` -> `approveLeaveRequest(@PathVariable Long id, @RequestParam(required = false))`

- **PUT** `/api/leave-requests/hr/{id}/reject` -> `rejectLeaveRequest(@PathVariable Long id, @RequestParam(required = false))`

- **DELETE** `/api/leave-requests/{id}` -> `deleteLeaveRequest(@PathVariable Long id)`

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- **GET** `/api/holidays`` -> ``getAllHolidays()`
- **GET** `/api/holidays/{id}`` -> ``getHolidayById(@PathVariable Long id)``
- **POST** `/api/holidays`` -> ``addHoliday(@RequestBody LeaveRequestDTO dto)``
- **PUT** `/api/holidays/{id}`` -> ``updateHoliday(@PathVariable Long id, @RequestBody LeaveRequestDTO dto)``
- **DELETE** `/api/holidays/{id}`` -> ``deleteHoliday(@PathVariable Long id)``

LogisticsDocumentController

Base URL: `/api/logisticsdocuments``

Endpoints:

- **GET** `/api/logisticsdocuments/`` -> ``getAllLogisticsDocuments()`
- **GET** `/api/logisticsdocuments/{id}`` -> ``getLogisticsDocumentById(@PathVariable Long id)``
- **POST** `/api/logisticsdocuments/`` -> ``createLogisticsDocument(@RequestBody LogisticsDocument logisticsDocument)``
- **PUT** `/api/logisticsdocuments/{id}`` -> ``updateLogisticsDocument(@PathVariable Long id, @RequestBody LogisticsDocument logisticsDocumentDetails)``

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- **DELETE** `/api/logisticsdocuments/{id}` -> `deleteLogisticsDocument(@PathVariable Long id)`

PerformanceController

Base URL: `/api/performance`

Endpoints:

- **GET** `/api/performance/` -> `getAllPerformances()`

- **GET** `/api/performance/{id}` -> `getPerformanceById(@PathVariable Long id)`

- **POST** `/api/performance/` -> `createPerformance(@RequestBody Performance performance)`

- **PUT** `/api/performance/{id}` -> `updatePerformance(@PathVariable Long id, @RequestBody Performance performanceDetails)`

- **DELETE** `/api/performance/{id}` -> `deletePerformance(@PathVariable Long id)`

PerformanceReviewController

Base URL: `/api/performance-reviews`

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****Endpoints:****

- ****GET**** `/api/performance-reviews/{id}` / Handles HTTP GET requests to `/api/performance-reviews/{id}`

```
public ResponseEntity<PerformanceReview> getPerformanceReviewById(@PathVariable Long id) {
```

```
    try {
```

```
        PerformanceReview review = performanceReviewService.getPerformanceReviewById(id);
```

```
        return new ResponseEntity<>(review, HttpStatus.OK); / Returns 200 OK status
```

```
    } catch (NoSuchElementException e) {
```

```
        return new ResponseEntity<>(HttpStatus.NOT_FOUND); / Returns 404 Not Found if review doesn't exist
```

```
    }
```

```
}
```

/**

* Endpoint to get all performance reviews in the system.

* @return ResponseEntity with a list of all performance reviews and HTTP status.

***/**

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@GetMapping / Handles HTTP GET requests to /api/performance-reviews

```
public ResponseEntity<List<PerformanceReview>> getAllPerformanceReviews() {
```

```
List<PerformanceReview> reviews = performanceReviewService.getAllPerformanceReviews();
```

```
return new ResponseEntity<>(reviews, HttpStatus.OK);
```

```
}
```

```
/**
```

```
* Endpoint to get all performance reviews for a specific employee.
```

```
* This is useful for displaying all reviews on an employee's profile page.
```

```
* @param employeeId The ID of the employee.
```

```
* @return ResponseEntity with a list of performance reviews for the employee and HTTP status.
```

```
*/
```

```
@GetMapping("/employee/{employeeId}") / Handles HTTP GET requests to  
/api/performance-reviews/employee/{employeeId}
```

```
public ResponseEntity<List<PerformanceReview>> getPerformanceReviewsByEmployeeId(@PathVariable String  
employeeId) {
```

```
try {
```

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```
List<PerformanceReview> reviews = performanceReviewService.getPerformanceReviewsByEmployeeId(employeeId);
```

```
return new ResponseEntity<>(reviews, HttpStatus.OK);
```

```
} catch (NoSuchElementException e) {
```

```
return new ResponseEntity<>(HttpStatus.NOT_FOUND); / Employee not found or no reviews for employee
```

```
}
```

```
}
```

```
/**
```

```
* Endpoint to get all performance reviews for a specific employee by numeric ID.
```

```
* @param id The internal numeric ID of the employee.
```

```
* @return ResponseEntity with a list of performance reviews for the employee and HTTP status.
```

```
*/
```

```
@GetMapping("/employee/byId/{id}" -> `getPerformanceReviewsByEmployeeDbId(@PathVariable Long id)`
```

PrinterController

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Base URL: `/store/assets/printers``

Endpoints:

- **GET** `/store/assets/printers/`` -> `getAll()`
- **GET** `/store/assets/printers/{id}`` -> `getById(@PathVariable Long id)``
- **POST** `/store/assets/printers/`` -> `create(@RequestBody Printer printer)``
- **PUT** `/store/assets/printers/{id}`` -> `update(@PathVariable Long id, @RequestBody Printer printer)``
- **DELETE** `/store/assets/printers/{id}`` -> `delete(@PathVariable Long id)``

PurchaseController

Base URL: `/api/purchases``

Endpoints:

- **GET** `/api/purchases/`` -> `getAllPurchases()`
- **GET** `/api/purchases/{id}`` -> `getPurchaseById(@PathVariable Long id)``

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- **POST** `/api/purchases/` -> `createPurchase(@RequestBody Purchase purchase)`
- **PUT** `/api/purchases/{id}` -> `updatePurchase(@PathVariable Long id, @RequestBody Purchase purchaseDetails)`
- **DELETE** `/api/purchases/{id}` -> `deletePurchase(@PathVariable Long id)`

RegularStationaryController

Base URL: `/store/stationary/regular`

Endpoints:

- **GET** `/store/stationary/regular/` -> `getAll()`
- **GET** `/store/stationary/regular/{id}` -> `getById(@PathVariable Long id)`
- **POST** `/store/stationary/regular/` -> `create(@RequestBody RegularStationary stationary)`
- **PUT** `/store/stationary/regular/{id}` -> `update(@PathVariable Long id, @RequestBody RegularStationary stationary)`
- **DELETE** `/store/stationary/regular/{id}` -> `delete(@PathVariable Long id)`

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RentController

Base URL: `/api/rent`

Endpoints:

- **POST** `/api/rent/` -> `createRent(@RequestBody RentDTO rentDTO)`
- **GET** `/api/rent/` -> `getAllRents()`
- **PUT** `/api/rent/{id}` -> `updateRent(@PathVariable Long id, @RequestBody RentDTO rentDTO)`
- **DELETE** `/api/rent/{id}` -> `deleteRent(@PathVariable Long id)`

ReportController

Base URL: `/api/reports`

Endpoints:

- **GET** `/api/reports/` -> `getAllReports(@RequestParam(required = false))`
- **GET** `/api/reports/{id}` -> `getReportById(@PathVariable Long id)`
- **POST** `/api/reports/` -> `createReport(@RequestBody Report report)`

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- **PUT** `/api/reports/{id}` -> `updateReport(@PathVariable Long id, @RequestBody Report reportDetails)`

- **DELETE** `/api/reports/{id}` -> `deleteReport(@PathVariable Long id)`

SalariesController

Base URL: `/api/salaries`

Endpoints:

- **POST** `/api/salaries/` -> `createSalary(@RequestBody SalariesDTO salariesDTO)`

- **GET** `/api/salaries/` -> `getAllSalaries()`

- **PUT** `/api/salaries/{id}` -> `updateSalary(@PathVariable Long id, @RequestBody SalariesDTO salariesDTO)`

- **DELETE** `/api/salaries/{id}` -> `deleteSalary(@PathVariable Long id)`

SaleController

Base URL: `/api/sales`

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****Endpoints.****

- ****GET**** `/api/sales/` -> `getAllSales()`
- ****GET**** `/api/sales/{id}` -> `getSaleById(@PathVariable Long id)`
- ****POST**** `/api/sales/` -> `createSale(@RequestBody Sale sale)`
- ****PUT**** `/api/sales/{id}` -> `updateSale(@PathVariable Long id, @RequestBody Sale saleDetails)`
- ****DELETE**** `/api/sales/{id}` -> `deleteSale(@PathVariable Long id)`

SIMBillsController

****Base URL:**** `/api/sim-bills`

****Endpoints.****

- ****POST**** `/api/sim-bills/` -> `createSIMBillExpense(@RequestBody SIMBillsDTO simBillsDTO)`
- ****GET**** `/api/sim-bills/` -> `getSIMBillExpenses()`
- ****PUT**** `/api/sim-bills/{id}` -> `updateSIMBillExpense(@PathVariable Long id, @RequestBody SIMBillsDTO simBillsDTO)`
- ****DELETE**** `/api/sim-bills/{id}` -> `deleteSIMBillExpense(@PathVariable Long id)`

Software Requirements Specification (SRS)

StaffMemberController

Base URL: `/api/staff``

Endpoints:

- **GET** `/api/staff/`` -> `getAllStaff()`
- **GET** `/api/staff/{id}`` -> `getStaffById(@PathVariable Long id)``
- **POST** `/api/staff/`` -> `createStaff(@RequestBody StaffMember staffMember)``
- **PUT** `/api/staff/{id}`` -> `updateStaff(@PathVariable Long id, @RequestBody StaffMember updatedStaff)``
- **DELETE** `/api/staff/{id}`` -> `deleteStaff(@PathVariable Long id)``

StationaryInventoryTransactionController

Base URL: `/store/stationary/inventory``

Endpoints:

Software Requirements Specification (SRS)

- **GET** `/store/stationary/inventory/` -> `getAll()`
- **GET** `/store/stationary/inventory/{id}` -> `getById(@PathVariable Long id)`
- **POST** `/store/stationary/inventory/` -> `create(@RequestBody StationaryInventoryTransaction transaction)`
- **PUT** `/store/stationary/inventory/{id}` -> `update(@PathVariable Long id, @RequestBody StationaryInventoryTransaction transaction)`
- **DELETE** `/store/stationary/inventory/{id}` -> `delete(@PathVariable Long id)`

SystemController

Base URL: `/store/assets/systems`

Endpoints:

- **GET** `/store/assets/systems/` -> `getAll()`
- **GET** `/store/assets/systems/{id}` -> `getById(@PathVariable Long id)`
- **POST** `/store/assets/systems/` -> `create(@RequestBody System system)`
- **PUT** `/store/assets/systems/{id}` -> `update(@PathVariable Long id, @RequestBody System system)`
- **DELETE** `/store/assets/systems/{id}` -> `delete(@PathVariable Long id)`

Software Requirements Specification (SRS)

TenderController

Base URL: `/api/tenders``

Endpoints:

- **GET** `/api/tenders/`` -> `getAllTenders()`
- **GET** `/api/tenders/{id}`` -> `getTenderById(@PathVariable Long id)``
- **POST** `/api/tenders/`` -> `createTender(@RequestBody Tender tender)``
- **PUT** `/api/tenders/{id}`` -> `updateTender(@PathVariable Long id, @RequestBody Tender tenderDetails)``
- **DELETE** `/api/tenders/{id}`` -> `deleteTender(@PathVariable Long id)``

TravelController

Base URL: `/api/travel``

Endpoints:

Software Requirements Specification (SRS)

- **POST** `/api/travel/` -> `createTravel(@RequestBody TravelDTO travelDTO)`
- **GET** `/api/travel/` -> `getAllTravels()`
- **PUT** `/api/travel/{id}` -> `updateTravel(@PathVariable Long id, @RequestBody TravelDTO travelDTO)`
- **DELETE** `/api/travel/{id}` -> `deleteTravel(@PathVariable Long id)`

WaterBillsController

Base URL: `/api/water-bills`

Endpoints:

- **POST** `/api/water-bills/` -> `createWaterBillExpense(@RequestBody WaterBillsDTO request)`
- **GET** `/api/water-bills/` -> `getWaterBillExpenses()`
- **PUT** `/api/water-bills/{id}` -> `updateWaterBillExpense(@PathVariable Long id, @RequestBody WaterBillsDTO request)`
- **DELETE** `/api/water-bills/{id}` -> `deleteWaterBillExpense(@PathVariable Long id)`

Software Requirements Specification (SRS)

WeeklyActivityController

****Base URL:**** `/api/activities`

****Endpoints:****