

Phase 8: Data Management & Deployment

1. Data Import Wizard

- This project does not contain explicit import wizard configs (since that's a Salesforce UI feature).
 - **Relevance:** Can be used for importing Job Applications, Contacts, or Events into Salesforce objects created in this repo.
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2. Data Loader

- No direct Data Loader scripts, but the repo supports it since objects are standard/custom Salesforce objects (force-app/main/default/objects would contain them).
 - **Relevance:** Admins/developers can use Data Loader to bulk upload job applications or clean data with the Apex JobApplicationCleaningQueueable class.
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3. Duplicate Rules

- No metadata folder for duplicateRules here.
 - **Relevance:** Should be added to avoid duplicate job applications or contacts.
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4. Data Export & Backup

- Not directly defined in code, but the **scheduler classes** (JobApplicationCleaningScheduler, EventReminderScheduler) hint at **automation** for cleanup and reminders.
 - **Relevance:** Admins can schedule Salesforce native **Data Export Service** or use Data Loader for backups.
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5. Change Sets

- This repo is **SFDX project-based** (sfdx-project.json present), so instead of Change Sets, the preferred method is **source-driven deployments** via VS Code/SFDX.
- **Relevance:** Still, Change Sets could be used in Salesforce UI to migrate components like Apex classes, objects, and Lightning components.

6. Unmanaged vs Managed Packages

- Project structure (force-app/main/default/...) indicates **Unmanaged Package style** for learning/development.
- **Relevance:** For AppExchange deployment → convert to **Managed Package**. For internal use → keep **Unmanaged**.

7. ANT Migration Tool

- No direct build.xml or ANT configs in repo.
- **Relevance:** Could be used alternatively to SFDX for CI/CD in enterprises.

8. VS Code & SFDX

- Present:
 - .forceignore, sfdx-project.json, config/project-scratch-def.json → confirms **Salesforce DX setup**.
 - This allows pushing/pulling metadata with **VS Code Salesforce Extension + CLI**.
- **Relevance:** Primary deployment method here.

✅ Summary for your project:

- It is **SFDX-based**, ready for **VS Code & Salesforce CLI (SFDX)** deployments.
- Uses **Apex schedulers, controllers, and triggers** for automation.
- Data tools (Import Wizard, Data Loader, Export/Backup) are **external Salesforce platform features**, not in code.
- Change Sets & ANT Migration are possible alternatives, but SFDX is the default here.
- Packaging can be **Unmanaged (for dev/test)** or **Managed (for release)**.