Documentation

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Task: Install JDK, IntelliJ IDEA and MySQL

Date Completed: 27-Nov-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Install JDK, IntelliJ IDEA and MySQL' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Configure Spring Boot project & application.properties

Date Completed: 01-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Configure Spring Boot project & application.properties' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Create Spring Boot project with Spring Web & Thymeleaf

Date Completed: 03-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Create Spring Boot project with Spring Web & Thymeleaf' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Add MySQL Driver & configure database connection

Date Completed: 05-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Add MySQL Driver & configure database connection' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Design Task entity, repository & service layer

Date Completed: 09-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Design Task entity, repository & service layer' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Create Thymeleaf pages for Create, Update, Delete & View Task

Date Completed: 11-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Create Thymeleaf pages for Create, Update, Delete & View Task' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement sorting & filtering logic in backend

Date Completed: 15-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement sorting & filtering logic in backend' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Integrate pagination, sorting & filtering in Thymeleaf UI

Date Completed: 17-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Integrate pagination, sorting & filtering in Thymeleaf UI' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Create enums for Task Status and Priority

Date Completed: 19-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Create enums for Task Status and Priority' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Bind enums with UI dropdowns and improve UI display

Date Completed: 23-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Bind enums with UI dropdowns and improve UI display' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Develop REST APIs for Create, Update, Read & Delete Task

Date Completed: 26-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Develop REST APIs for Create, Update, Read & Delete Task' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Create REST APIs for search, filtering and sorting tasks

Date Completed: 30-Dec-2025

1. Objective

The objective of this task is to implement and validate the functionality related to 'Create REST APIs for search, filtering and sorting tasks' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement Register/Login, Logout and Dashboard features

Date Completed: 02-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement Register/Login, Logout and Dashboard features' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement OTP-based email login feature

Date Completed: 06-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement OTP-based email login feature' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement User Profile feature and Dark Theme

Date Completed: 08-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement User Profile feature and Dark Theme' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement JUnit Testing and Mockito

Date Completed: 09-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement JUnit Testing and Mockito' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement Java Mail API for Email Notification

Date Completed: 12-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement Java Mail API for Email Notification' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Using Spring Scheduler for task reminder email

Date Completed: 15-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Using Spring Scheduler for task reminder email' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement Export CSV/Open CSV and download feature

Date Completed: 19-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement Export CSV/Open CSV and download feature' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Implement logic to send CSV via email and UI update

Date Completed: 21-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Implement logic to send CSV via email and UI update' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.

Task: Debugging the final code and fixing bugs

Date Completed: 23-Jan-2026

1. Objective

The objective of this task is to implement and validate the functionality related to 'Debugging the final code and fixing bugs' as part of the project development lifecycle.

2. Steps Taken

• Understood the requirement and planned the approach.
• Implemented the functionality using standard coding practices.
• Tested the implementation to ensure correct behavior.

3. Challenges Encountered: None

4. Verification: Task output verified successfully.