

```
"/Users/abduLrafay/Desktop/_Work/Agentic AI/ai-  
powered_agentic-workflow_for_project-management/.venv/  
bin/python" /Users/abduLrafay/Desktop/_Work/Agentic AI  
/ai-powered_agentic-workflow_for_project-management/  
starter/phase_2/agentic_workflow.py  
python-dotenv could not parse statement starting at  
line 2
```

\*\*\* Workflow execution started \*\*\*

Task to complete in this workflow, workflow prompt =  
What would the development tasks for this product be?

Defining workflow steps from the workflow prompt

--- Executing Step 1: The development tasks for a  
product are the specific engineering work required to  
develop the product. The tasks are derived from the  
user stories defined in the product specification.  
Each user story will have a set of tasks associated  
with it to implement the functionality described in  
the story. The tasks are action items that need to be  
completed by the development team in order to deliver  
the product. ---

0.4943630737885501

0.5508171595390743

0.6697409303740728

[Router] Best agent: Development Engineer (score=0.670  
)

--- Interaction 1 ---

Step 1: Worker agent generates a response to the  
prompt

Prompt:

Development tasks are defined by identifying what  
needs to be built to implement each user story. This  
involves breaking down the user stories into smaller,  
more manageable tasks that can be assigned to  
developers. These tasks should be specific, actionable  
items that contribute to the overall completion of  
the user story. By defining clear development tasks,

the development team can effectively work towards implementing the product features as outlined in the user stories.

Worker Agent Response:

As a Development Engineer, my responsibility is to define the development tasks for a product by breaking down the user stories into smaller, actionable items that contribute to the overall completion of each user story. This involves identifying what needs to be built to implement each user story and creating specific tasks that can be assigned to developers. By defining clear and manageable development tasks, the development team can efficiently work towards implementing the product features as outlined in the user stories.

Step 2: Evaluator agent judges the response

Evaluator Agent Evaluation:

No, the provided answer does not meet the criteria. The answer does not follow the exact structure of Task ID, Task Title, Related User Story, Description, Acceptance Criteria, Estimated Effort, and Dependencies. The answer provides a general overview of the responsibilities of a Development Engineer without providing specific examples of tasks in the required format.

Step 3: Check if evaluation is positive

Step 4: Generate instructions to correct the response

Instructions to fix:

To fix the answer, the following steps can be taken:

1. Start by structuring the answer according to the required format:

- Task ID: Assign a unique identifier to each task.
- Task Title: Clearly state the title of the task.
- Related User Story: Link the task to a user story or requirement.
- Description: Provide a detailed description of the task.
- Acceptance Criteria: Clearly define the criteria that must be met for the task to be considered complete.

- Estimated Effort: Estimate the time or resources required to complete the task.
- Dependencies: Identify any dependencies that may impact the task.

2. Provide specific examples of tasks that a Development Engineer may perform, following the structured format above. For example:

- Task ID: DE001
- Task Title: Implement new feature X
- Related User Story: User Story #123
- Description: Develop and integrate feature X into the existing system architecture.
- Acceptance Criteria: Feature X is functional, tested, and integrated with the system.
- Estimated Effort: 2 weeks
- Dependencies: Access to the latest system documentation and collaboration with the UI/UX team.

3. Ensure that each task is specific, actionable, and relevant to the responsibilities of a Development Engineer. Avoid providing a general overview and focus on concrete examples that demonstrate the required skills and knowledge.

By following these steps, the answer can be corrected to meet the criteria and provide a more detailed and structured response.

Step 5: Send feedback to worker agent for refinement

--- Interaction 2 ---

Step 1: Worker agent generates a response to the prompt

Prompt:

The original prompt was: Development tasks are defined by identifying what needs to be built to implement each user story. This involves breaking down the user stories into smaller, more manageable tasks that can be assigned to developers. These tasks should be specific, actionable items that contribute to the overall completion of the user story. By defining

clear development tasks, the development team can effectively work towards implementing the product features as outlined in the user stories.

The response to that prompt was: As a Development Engineer, my responsibility is to define the development tasks for a product by breaking down the user stories into smaller, actionable items that contribute to the overall completion of each user story. This involves identifying what needs to be built to implement each user story and creating specific tasks that can be assigned to developers. By defining clear and manageable development tasks, the development team can efficiently work towards implementing the product features as outlined in the user stories.

It has been evaluated as incorrect.

Make only these corrections, do not alter content validity: To fix the answer, the following steps can be taken:

1. Start by structuring the answer according to the required format:

- Task ID: Assign a unique identifier to each task.
- Task Title: Clearly state the title of the task.
- Related User Story: Link the task to a user story or requirement.
- Description: Provide a detailed description of the task.
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- Dependencies: Identify any dependencies that may impact the task.

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3. Ensure that each task is specific, actionable, and relevant to the responsibilities of a Development Engineer. Avoid providing a general overview and focus on concrete examples that demonstrate the required skills and knowledge.

By following these steps, the answer can be corrected to meet the criteria and provide a more detailed and structured response.

Worker Agent Response:

As a Development Engineer, my responsibility is to define the development tasks for a product by breaking down the user stories into smaller, actionable items that contribute to the overall completion of each user story. This involves identifying what needs to be built to implement each user story and creating specific tasks that can be assigned to developers. By defining clear and manageable development tasks, the development team can efficiently work towards implementing the product features as outlined in the user stories.

Example of a structured development task:

- Task ID: DE001
- Task Title: Implement new feature X
- Related User Story: User Story #123
- Description: Develop and integrate feature X into the existing system architecture.
- Acceptance Criteria: Feature X is functional, tested, and integrated with the system.
- Estimated Effort: 2 weeks

- Dependencies: Access to the latest system documentation and collaboration with the UI/UX team.

Step 2: Evaluator agent judges the response

Evaluator Agent Evaluation:

Yes, the answer meets the criteria. It provides an example of a structured development task that includes all the required components: Task ID, Task Title, Related User Story, Description, Acceptance Criteria, Estimated Effort, and Dependencies.

Step 3: Check if evaluation is positive

Final solution accepted.

Result for Step 1:

As a Development Engineer, my responsibility is to define the development tasks for a product by breaking down the user stories into smaller, actionable items that contribute to the overall completion of each user story. This involves identifying what needs to be built to implement each user story and creating specific tasks that can be assigned to developers. By defining clear and manageable development tasks, the development team can efficiently work towards implementing the product features as outlined in the user stories.

Example of a structured development task:

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- Estimated Effort: 2 weeks
- Dependencies: Access to the latest system documentation and collaboration with the UI/UX team.

--- Workflow Finished ---

Final Output:

As a Development Engineer, my responsibility is to define the development tasks for a product by breaking

down the user stories into smaller, actionable items that contribute to the overall completion of each user story. This involves identifying what needs to be built to implement each user story and creating specific tasks that can be assigned to developers. By defining clear and manageable development tasks, the development team can efficiently work towards implementing the product features as outlined in the user stories.

Example of a structured development task:

- Task ID: DE001
- Task Title: Implement new feature X
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- Description: Develop and integrate feature X into the existing system architecture.
- Acceptance Criteria: Feature X is functional, tested, and integrated with the system.
- Estimated Effort: 2 weeks
- Dependencies: Access to the latest system documentation and collaboration with the UI/UX team.

Process finished with exit code 0