

# Report First Sprint group 19

Team members: Alessia Lettieri, Alessandro Passannante, Domenico Napolitano, Marco Panico

Board Trello: [<link>](#)

Product Backlog: [product backlog.xlsx](#)

Definition of Done:

- The user story implementation meets all the acceptance criteria.
- The unit tests were written, executed and passed.
- Every acceptance criteria have a least a test case associate.
- Integration and execution of all tests.
- The user story has been peer reviewed.

## First Sprint – Planning

Estimated Project Velocity: 36

User stories for First Sprint:

1. **Interface of GUI:** As a user, I want this application has a GUI, so that I can automate a simple task.
2. **Create Rules:** As a user, I want the ability to create a set of rules, each consisting of trigger and an associated action, so that I can define automated tasks tailored to my specific needs within the application.
3. **Check Triggers:** As a user, I want the application to periodically check the rules I've defined, so that it can automatically execute the corresponding action if the trigger conditions are met.
4. **Define Trigger by time:** As a user, I want to define a trigger for a rule by specifying a particular time of the day so that the rule can be fired when the current time matches the specified time.
5. **Set Action (Play Audiofile):** As a user, I want to set up an action for a rule that involves playing a specified audio file when the rule is fired.
6. **Set Action (Show Dialog):** As a user, I want to set up an action for a rule that involves displaying a specified message in a dialog box when the rule is fired.
7. **Edit the Set of Rules:** As a user, I want the capability to edit existing rules so that I can manage and customize rule settings according to my preferences.

8. **Set a Status Rule:** As a user, I want to be able to set a rule as active or inactive so that I can determine when the rule should be operational based on my references.
9. **Save Rules:** As a user, I want the ability to save my rules so that I can easily retrieve them when I reopen the app.
10. **Set Rules Fired only once:** As a user, I want to be able to specify whether a rule should only be triggered once or whether it can be triggered again after a sleep period, so that I have control over the reusability and run times of the rules based on my preferences.

## Fase 2.2: First Sprint - Development

Tasks assigned to Team members:

	Alessia Lettieri	Alessandro Passannante	Domenico Napolitano	Marco Panico
Task assegnati e completati	<ul style="list-style-type: none"> <li>• Create a thread in the setrules class to periodically check trigger conditions.</li> <li>• Implement ActionPlayAudio class and its methods.</li> <li>• Implement addRule().</li> <li>• Implement deleteRule().</li> <li>• Implement update the GUI.</li> </ul>	<ul style="list-style-type: none"> <li>• Implementing the starting FXML file of the application with SceneBuilder.</li> <li>• Implement the Rule class.</li> <li>• Implement the RuleSet class.</li> <li>• Develop the creation of an instance of the object Rule from the GUI.</li> <li>• Implement the Trigger and Action interface/ abstract class.</li> <li>• Implement the CurrentDay Time.</li> <li>• Implement ActionShow Dialog class.</li> </ul>	<ul style="list-style-type: none"> <li>• Implement the SaveRule class.</li> <li>• Implement the saveRules() method.</li> <li>• Implement the loadRules() method.</li> <li>• Implement active field (boolean)</li> <li>• Update GUI.</li> </ul>	<ul style="list-style-type: none"> <li>• Implement fired_only_once boolean field, fired_oo_status boolean field on Rule class.</li> <li>• Implement sleeping boolean field and sleeping_Date LocalDateTime field on Rule class.</li> <li>• Update "checkrules()" method on RuleSet class.</li> <li>• Implement the active() and deactivate() method</li> </ul>

Task assegnati ma non completati	None	None	None	None
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User stories added or modified by the Product Owner:

- **Edit the Set of Rules (modified):** As a user, I want the capability to add and remove existing rules so that I can manage and customize rule settings according to my preferences.

### Fase 2.3: First Sprint – Review

User stories completed at the end of this Sprint:

1. Interface of GUI.
2. Create Rules.
3. Check Triggers.
4. Define Trigger by time.
5. Set Action (Play Audiofile).
6. Set Action (Show Dialog).
7. Edit the Set of Rules.
8. Set a Status Rule.
9. Save Rules.
10. Set Rules Fired only once.

Any user stories rejected by Product Owner:

- None

Project Velocity measured: 36

### Fase 2.4: First Sprint – Retrospective

Decisions made in the retrospective of this Sprint are:

**Stop:**

- Allowing meetings to drag on without a clear and defined purpose.

**Less of:**

- Spending too much time on detailed optimizations before the code is functional and tested.

**Keep doing:**

- Support and help from colleagues during hardship while carrying out tasks.

**More of:**

- Detailed work planning
- Time organization

**Start:**

- Set a time-box to maintain punctuality and focus.