**Release Plan**

**Product Name:** SummarAIze

**Release Name:** ReleaseV1

**Release Date:** June 3rd, 2025

**Revision Number:** V1.2

**Revision Date:** April 9th, 2025

**Release Goals:**

1. Able to upload papers (PDF, docx, etc.) or text input and roughly summarize research papers using LLM integration.
2. Extract key concepts and present visuals.
3. Setting up the backend infrastructure to handle accounts for scalability and proposed high usage from multiple endpoints.
4. Accessible and responsive website for pc and mobile.
5. Be able to create a narrated voiceover for the research paper summary.
6. Make a video using research paper visuals (with animations) explaining the paper.

**Sprint 1 User Stories:**

* {1} User story 1.1 [8]
  + **As a student, I need to upload a research paper PDF through an accessible website and get an accurate summary of the paper so I can understand the main points without reading the entire paper.**
* {2} User story 1.2 [5]
  + **As a user, I want to indicate that I have no background knowledge on the research topic and receive a detailed literature review so that I can learn more about the subject.**

**Sprint 2 User Stories:**

* {3} User story 2.1 [13]
  + **As an educator, I want to be able to create a visual representation so that I can make presentations so that complex concepts are simplified for students.**
* {4} User story 2.2 [8]
  + **As a student, I need to be able to play the narrated voiceover so that I can simultaneously absorb information while completing other tasks at hand.**
* {5} User story 2.3 [3]
  + **As a student, I should have a user account that stores my information so that I can track my progress.**
* {11} User Story 2.4 [3]
  + **As a student, I want to choose the summary length (short, medium, detailed) so that I get the right level of depth for my needs.**

**Sprint 3 User Stories:**

* {7} User story 3.1 [13]
  + **As a user, I want to get suggestions for related research papers so that I can explore the topic further.**
* {8} User story 3.2 [5]
  + **As a researcher, I want to see citations from the original paper in the summary so that I can refer back to the sources accurately.**
* {9} User story 3.3 [5]
  + **As a user, I want to ask questions about the paper so that I can clear up any confusion and refine the summary.**

**Sprint 4 User Stories:**

* {10} User story 4.1 [13]
  + **As a user, I want to generate a presentation for the contents of the research paper so that I can use it to communicate the information to others effectively.**
* {6} User story 4.2 [13]
  + **As a student, I need to download videos I previously generated so that I can reference them later.**

**Sanity Check:**

| Sprint | Actual Story Points |
| --- | --- |
| Sprint 1 | 13 |
| Sprint 2 | 27 |
| Sprint 3 | 23 |
| Sprint 4 | 26 |

**Total: 89 Story Points**

**Capacity:**

Average Story Points Per Sprint : 22.25 Story Points

The first sprint is less workload heavy, mainly due to getting used to SCRUM and taking the time to set everything up for the project. Workload ramps up in sprint 2-4 in order to keep a consistent workload throughout the rest of the quarter.

**Product Backlog:**

* Possible slideshow after video
* More animations with the UI and Pictures

User Stories:

Fibonacci: 1, 2, 3, 5, 8, 13, 21

| PTS | User Stories | Prio |
| --- | --- | --- |
| 8 | **As a student, I need to upload a research paper PDF through an accessible website and get an accurate summary of the paper so I can understand the main points without reading the entire paper.** | 1 |
| 5 | **As a user, I want to indicate that I have no background knowledge on the research topic and receive a detailed literature review so that I can learn more about the subject.** | 2 |
| 21 | **As an educator, I want to be able to create a visual representation so that I can make presentations so that complex concepts are simplified for students.** | 3 |
| 13 | **As a student, I need to be able to play the narrated voiceover so that I can simultaneously absorb information while completing other tasks at hand.** | 4 |
| 3 | **As a student, I should have a user account that stores my information so that I can track my progress.** | 5 |
| 13 | **As a student, I need to download videos I previously generated so that I can reference them later.** | 6 |
| 3 | **As a student, I want to choose the summary length (short, medium, detailed) so that I get the right level of depth for my needs.** | 11 |
| 5 | **As a researcher, I want to see citations from the original paper in the summary so that I can refer back to the sources accurately.** | 8 |
| 13 | **As a user, I want to get suggestions for related research papers so that I can explore the topic further.** | 7 |
| 13 | **As a user, I want to generate a presentation for the contents of the research paper so that I can use it to communicate the information to others effectively.** | 10 |
| 5 | **As a user, I want to ask questions about the paper so that I can clear up any confusion and refine the summary.** | 9 |