

## Meeting 1: 09 January

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### Introductory meeting

- Selected a Web Summarizer and Shortener Tool for the Project
- Assigned roles to every group member

## Meeting 2: 12 January

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### Project Proposal and Github

- Marium created a shared document to work on the Project Proposal
- Amani emailed Naser regarding doubts
- Bilal created the GitHub repository
- Every member contributed to the proposal with ideas and decided on a meeting schedule

## Meeting 3: 16 January

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### Release Planning Meeting 1

- Collaboratively discussed user stories for the tool
- Marium created a shared document to work on the Release Planning
- Anjali and Amani listed down every expected feature from the tool based on the team discussion
- Bilal created a new project for the GitHub repository to list user stories, sprint and product backlog.
- To do for the next meeting:
  - Github: Product Backlog, Sprint Task Board, Sprint Backlogs
  - Translate items to user stories
  - Split user stories into specific tasks/spikes
  - Choose user stories for each sprint
- Misc to-do:
  - Research which framework to use (Node.js, React, Python etc.)
  - Research which API to use for summarization

## Meeting 4: 19 January

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### Release Planning Meeting 2

- Finalized user stories and added it to the Github project
- Added labels and priority to each user story based on group discussions
- Deciding between Jira or Github for user stories and backlogs
- Amani moved user stories to Jira
- Bilal and Amani worked on updating Jira with user stories and tasks
- Discussing what frameworks and APIs to use
  - React (frontend) & Flask (backend)

- Figma
- Replicate for captions

## Meeting 5: 23 January

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### Release Planning Meeting 3

- Meeting with TA for confirmation of features
- Additional user stories with recommendations from TA
- Decided to add a meeting notes folder on github and upload notes for each meeting into the folder - Anjali and Marium will work on keeping the meeting notes updated
- Marium added respective tasks (product backlog) for each user story in Jira
- Anjali restructured subtasks by adding them as child issues of each task instead of each user story
- Amani and Bilal worked on a timeline for product features
- To-do:
  - Update priority levels of each task
  - Assign tasks to Sprint 1
  - Assign people to tasks for Sprint 1
  - Add screenshots of all user stories, tasks and of each sprint in the release planning document
  - Finish up the release planning document
  - Integrate Jira to Github
  - Finalize our decisions on the APIs we will use

## Meeting 6: 26 January

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### Release Planning Meeting 4

- Finalized user stories and product backlog
- Maalik added screenshots of Jira into the release planning document
- Maalik wrote project description and our thought process for deciding the features into the release planning document
- Splitting all tasks into 5 sprints
- Priorities were added to all user stories
- Tasks were assigned to all team members for the Sprint 1

## Meeting 7: 29 January

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### Sprint 1: Sprint Planning Meeting

- Testing API's
- Some of the APIs did not give expected outcome
- Decided to use OpenAI for text summarization
- Bilal worked a basic client server and react templates that he committed to Git
- Assigning tasks for Sprint 1

- To-do:
  - Decide on all API usage
    - API for summarization of text
    - API for going through contents of a website
    - API for getting captions of a video
  - Go over assigned tasks (possibly re-assign based on preference)
  - Review priority levels of each User Story
  - Finalize all Framework usage including Database - React, Flask, SQLite?
  - Finalize wireframe (brief structure) of the website
  - (Do we still do this?) - Finish writing subtasks for all tasks
  - (Do we still do this?) - Integrate Jira to Github

## Meeting 8: February 2

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### **User Stories Brainstorm session:**

1. Copy/download the output
  2. Login / Logout
  3. Forgot password
  4. Sample features
  5. Feedback option
  6. Allow users to edit output
  7. Allow users to edit prompt (add as a task)
  8. Track how many times the shortened link is used by other users
  9. Track user activity (not a user story)
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1. **Link Shortener:** Input a longer webpage or video URL and click a button to get a shorter link
  2. **Summarization:** Get a summary with a click of a button
    - a. Input: web page URL
    - b. Input: YouTube video URL
    - c. Input: Paste content (text)
  3. **Custom Summarization (Pro):**
    - a. Word count for output

- b. Paragraphs
  - c. Formal / Informal tone
  - d. Between timestamps or from a certain timestamp (for video input)
  - e. Formatting (bullet points, list, font styles)
  - f. References and citations
- 4. **Social Media Integration(Pro):**
  - a. Login with FB, Google
  - b. Option to share on FB/Twitter etc**
  - c. Create an account with email
- 5. **API Access (Pro):**
  - a. Receive a token to get API access
- 6. **User Dashboard (Pro):**
  - a. GUI:
    - i. Profile
    - ii. Custom Summarization
  - b. Profile:
    - i. History of previous summaries - view, edit, delete history
    - ii. Remember custom levels for future use - templates
    - iii. Google Drive integration**
    - iv. Light/Dark mode
  - c. Profile management - Settings:
    - i. Change profile email, phone etc
    - ii. Change password

## Main Features

- 1. Summarization
  - a. Summarization given text
  - b. Summarization given a URL
  - c. Summarization given a URL to a YouTube video
- 2. Link Shortening
  - a. Standard Link Shortening
  - b. (Pro) Analytics on Shortened Link
- 3. Custom Summarization
  - a. Ability to decide the length/detail level; words, paragraphs, etc.
  - b. Ability to format the output; bullet points, informal/formal, etc.
  - c. Ability to save custom summarization levels for later.
- 4. API Access
  - a. Ability to provide all website services via an API
- 5. Social Media Integration
  - a. Authentication with an external service (Google, Facebook)
  - b. Manual account creation (email address, username)
  - c. Share summarization output to social medium of your choice
- 6. User Dashboard
  - a. View and change account/profile settings

- b. UI for pro feature usage
  - c. View/edit previous outputs (history)
- 7. Miscellaneous Features
  - a. Change website appearance
  - b. Copy and edit output

## User Stories

1. As a user, I want to log in to or log out of the tool so that I can access personalized (pro) features.
2. As a user, I want the ability to reset my password so that I have an alternative in case I forget it.
3. As a user, I want to copy or export the summarized text so that I can save the text into my working space.
4. As a user, I want to input a website URL so that I can receive a summary of the content.
5. As a user, I want to summarize a YouTube video so that I can receive a summary of the video.
6. As a user, I want to receive a summary of some text by inputting it in a text field.
7. As a user, I want to shorten the URL that I provided so that it is easier to use and share.
8. As a user, I want the ability to change my profile settings (changing my email or phone associated with the account) so that there is more flexibility in account management settings.
9. As a pro user, I want to specify the word count for the output text so that the summarized text meets my requirements.
10. As a pro user, I want the tool to save my custom summarization levels as templates so that I can use the same personalization levels in the future.
11. As a pro user, I want to choose the tone of language used in the output text between formal or informal, so that it suits my needs accordingly
12. As a pro user, I want the summary to be formatted using bullet points, paragraphs and alternative font styles so that it is easier for me to understand the content.
13. As a pro user, I want to include in-text references and citations in the output text, so that I can include all sources in my research.
14. As a pro user, I want to log in to the tool using my Facebook account so that I don't have to use my email manually to create an account.
15. As a pro user, I want to log in to the tool using my Google account so that I don't have to use my email manually to create an account.
16. As a pro user, I want to receive a token so that I can access the tool's API.
17. As a pro user, I want to view my tool's history and the ability to edit the user history for privacy reasons.
18. As a pro user, I want to change to a dark mode so that the dashboard matches my aesthetic preferences
19. As a user, I want to be able to create an account with my email so that I can use the various pro-user features available.
20. As a user, I want the option to sample the pro features so that I can experience the functionalities the pro subscription offers.

- ~~21. As a pro user, I want to share the summarized text on Twitter or Facebook so that I can share the content on my preferred social media platforms.~~
- ~~22. As a pro user, I want the option to integrate on Google Drive or OneDrive so that I can easily save the result files to my drive.~~
- ~~23. As a user, I want to input between which timestamps of the video input I want to be summarized so that I have the option to summarize only certain parts of the video.~~