

Project Report

Title of Project:

Text summarizer

Name of the Innovator:

Diya

Start Date:

11/02/26

End Date:

18/02/26

Day 1: Empathise & Define**Step 1: Understanding the Need****Which problem am I trying to solve?**

Students and professionals waste too much time reading long articles, notes, and PDFs when they only need the key points.

Who is affected by this problem?

School & college students

Teachers

Competitive exam aspirants

Office professionals

How did I find out about this?

Interviews, Observation, AI Tools

Step 2: Problem Statement

People need a fast and simple way to convert long text into short, clear summaries.

Why is this problem important to solve?

Saves time

Improves understanding

Helps in quick revision

Reduces mental overload

Take-home task insights:

People prefer short, simple, and clear information instead of lengthy text.

Day 2: Ideate

Step 3: List at least 5 different solutions:

1. Manual summary notes
2. Highlight important sentences tool
3. AI-based automatic summarizer
4. Chrome extension for quick summary
5. Mobile app for students

Step 4: My favourite solution:

AI-based automatic text summarizer (Web App)

Step 5: Why am I choosing this solution?

Fast

Accurate

Easy to use

Works for students and professionals

Day 3: Prototype & Test

Step 6: What will my solution look like?

A simple website where users paste long text and click “Summarize” to get a short summary instantly.

What AI tools will I need?

Text processing

Natural Language Processing

Summary generation

Selected AI tools:

1. ChatGPT API
2. HTML
3. CSS
4. JavaScript
5. VS code

Step 7: Test - Getting Feedback

Who did I share my solution with?

2 classmates 1 teacher

What works well:

Quick summary generation

Easy interface

Saves time

What needs improvement:

Can add file upload option

Improve summary accuracy

Add language selection

Day 4: Showcase

Step 8: Final Project Title:

AI-Based Text Summarizer

1-Minute Pitch Summary:

You said:

Ø=ÜØ Day 1: Empathise & Define

Problem to Solve

Who is Affected

Discovery Methods

Interviews

Observation

Online Research

AI Tools

Problem Statement

Why Important

Take-home Insights

Ø=Üj Day 2: Ideate

5 Solution Ideas

Solution 1

Solution 2

Solution 3

Solution 4

Solution 5

Selected Solution

Why This Solution

Ø=Ý' Day 3: Prototype & Test

Prototype Description

AI Tools Needed

Selected Tools

Tool 1

Tool 2

Tool 3

Tool 4

Tool 5

Who Tested

Ø=ÜM What Works Well

Ø=Ý' Needs Improvement

Ø<ßα Day 4: Showcase

Final Project Title

1-Minute Pitch Summary

What I Enjoyed Most

Biggest Challenge

Project Link

ChatGPT said:

Since your project is Text Summarizer, here's a clean, strong version you can directly write in your file Ø=ÜG

Ø=ÜØ Day 1: Empathise & Define

Ø=Ý Problem to Solve

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Ø=Üe Who is Affected

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Ø=Ý Discovery Methods

Step 9: Reflections

What did I enjoy the most?

Building something useful using AI.

What was my biggest challenge?

Understanding how AI generates summaries.

Project Link:

<https://lovable.app>