



FLASH X3

FLASHCARD GENERATOR

Section: 3F
Batch No: 3

Meghana Saisri Bisa - PES2UG23CS337
Mitha M K - PES2UG23CS339
Mrunal Manjunath Kudtarkar - PES2UG23CS354

Introduction:

The flashcard generator offers a new approach by allowing users to generate questions from uploaded files. Users can also create their own flashcards by typing questions, answers, or bullet points. Additionally, they have the option to save their flashcards as a PDF file.

Module Specifications:

1. Signup/Login/Check-in as Guest

- a. This section consists of three pages:
 - Home Page:** Features three buttons—Signup, Login, and Check-in as Guest—each directing to their respective pages.
 - Login Page:** Allows registered users to log in.
 - Signup Page:** For new users to register.
- b. Guest users are taken directly to the main flashcard page without logging in. However, guest flashcards are temporary and will be lost when they exit the site, whereas signed-in users can save and revisit their flashcards.
- c. Once the user selects any of these options, they are directed to the main flashcard page to create or access flashcards.

2. Predefined/Make your Own/Generate using AI

- a. The flashcard home page presents three options:
 - Predefined:** Directs users to a page featuring six predefined flashcards.
 - Make your Own:** Allows users to create custom flashcards in one of three formats—MCQs, Q&As, or bullet points/short notes. A demo will be available to guide users on creating flashcards.
 - Generate using AI:** Enables users to upload text, images, or documents, from which the system automatically generates questions or bullet points based on user preferences.

3. File Conversion to PDF

- a. After creating a set of flashcards, users can download their flashcards as a PDF file for offline use or future reference.

Wireframe Design

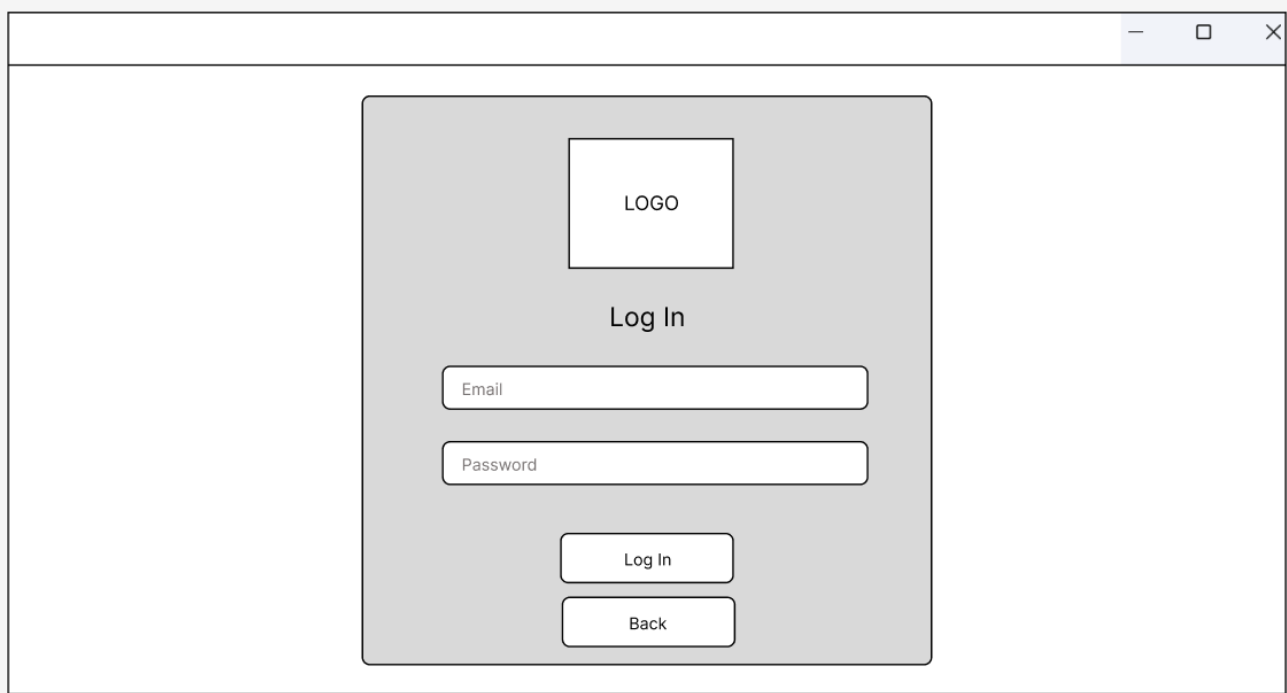
Signup/Login/Check-in as Guest - Home Page:

A wireframe of a web page titled "Signup/Login/Check-in as Guest - Home Page". The page features a central gray rectangular area. At the top of this area is a white square labeled "LOGO". Below the logo is the word "Welcome" in a large, bold font. Underneath "Welcome" is the text "Select an option to proceed". At the bottom of the gray area are three white rectangular buttons: "Sign Up", "Login", and "Guest". The entire gray area is centered within a white rectangular frame that has a standard window header with a close button (X) in the top right corner.

Signup Page:

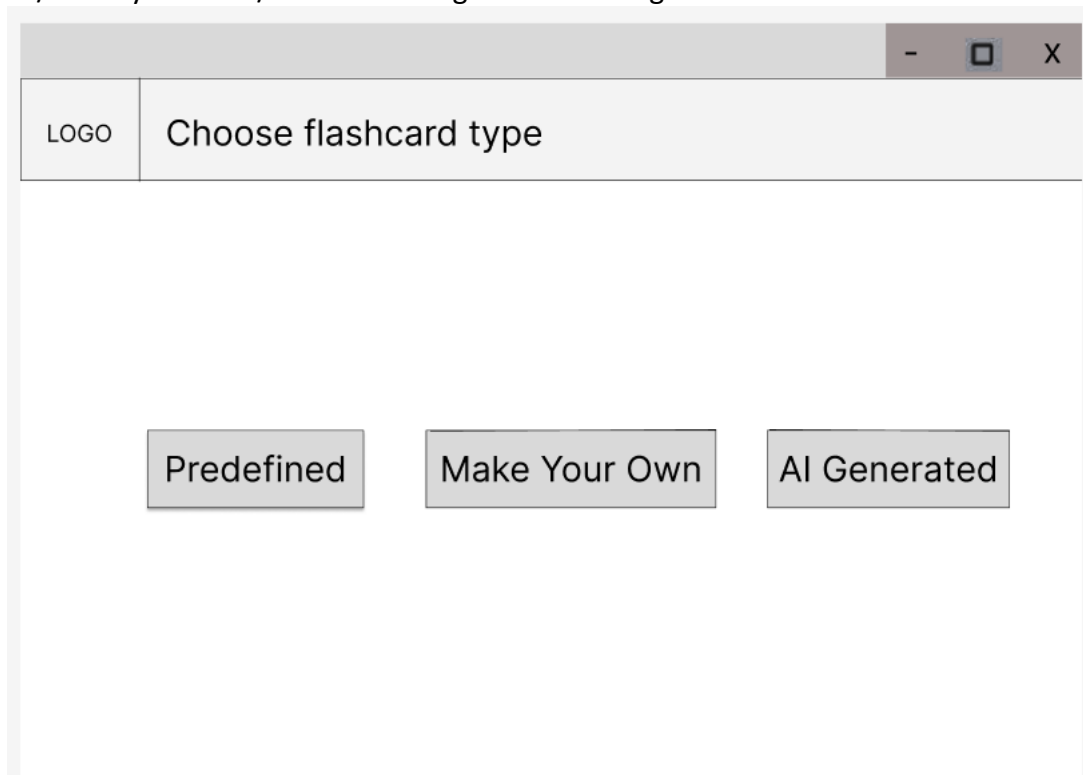
A wireframe of a web page titled "Signup Page". The page features a central gray rectangular area. At the top of this area is a white square labeled "LOGO". Below the logo is the text "Create Account". Underneath "Create Account" are three white rectangular input fields stacked vertically, labeled "Name", "Email", and "Password". At the bottom of the gray area are two white rectangular buttons: "Sign Up" and "Back". The entire gray area is centered within a white rectangular frame that has a standard window header with a close button (X) in the top right corner.

Login Page:



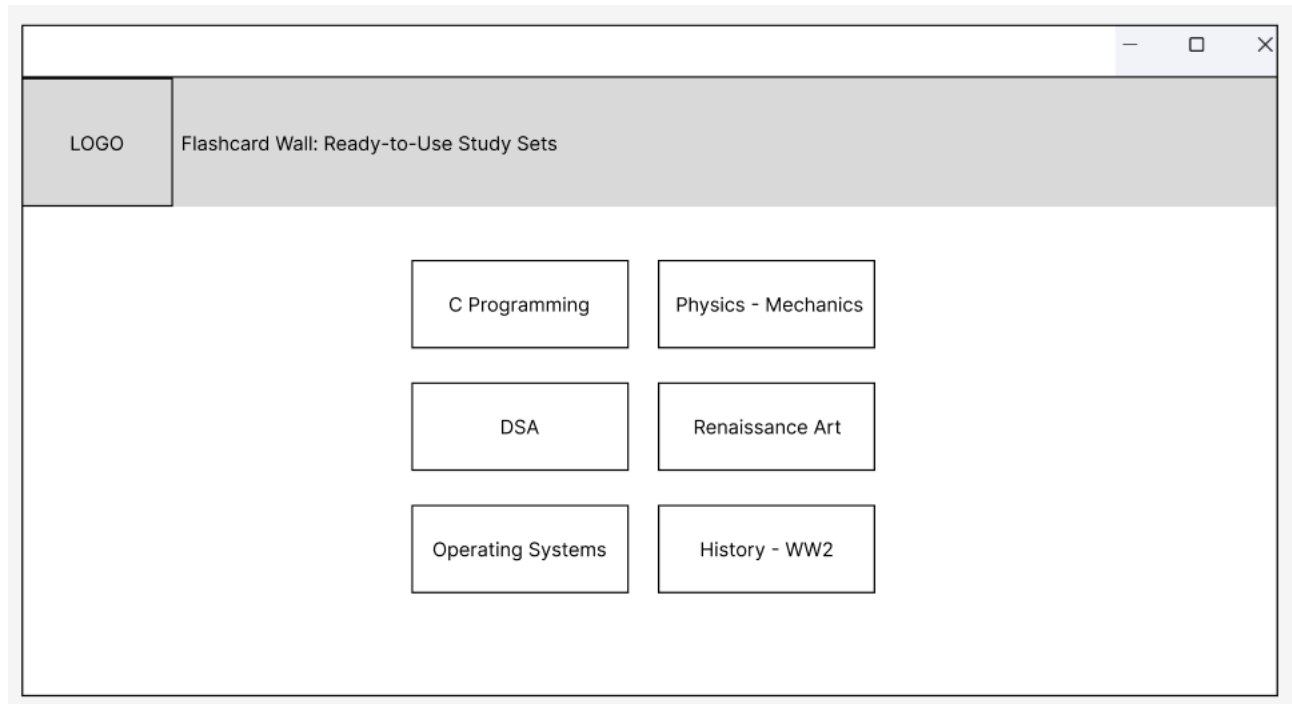
A UI mockup of a login page. It features a central gray rectangular area containing a white box labeled "LOGO" at the top. Below the logo is the text "Log In". Underneath are two white input fields, the first labeled "Email" and the second labeled "Password". At the bottom of the gray area are two white buttons: "Log In" and "Back". The entire gray area is centered within a white window frame that has standard minimize, maximize, and close window controls in the top right corner.

Predefined/Make your Own/Generate using AI – Home Page:

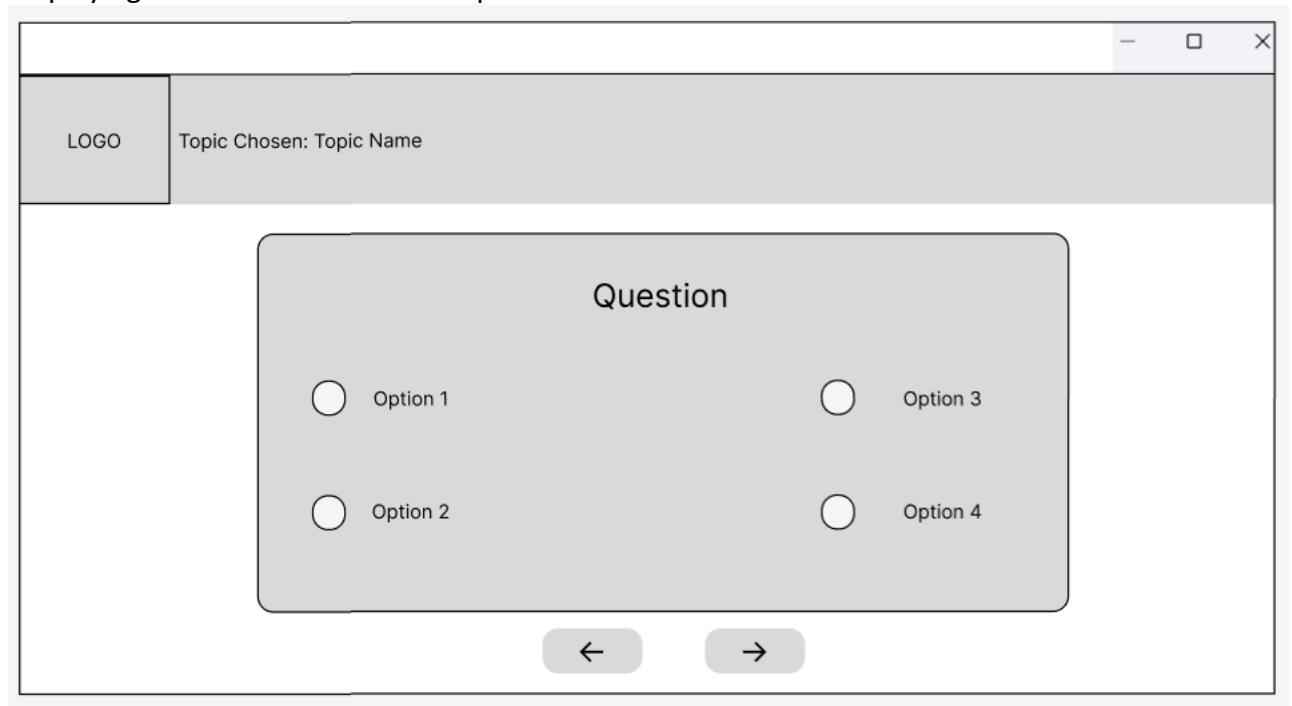


A UI mockup of a home page. It features a header bar with a gray background. On the left of the header is a white box labeled "LOGO". To the right of the logo is the text "Choose flashcard type". Below the header, there are three gray buttons arranged horizontally: "Predefined", "Make Your Own", and "AI Generated". The entire content is within a white window frame with standard window controls in the top right corner.

Predefined Flashcards:



Displaying Flashcards of Selected Topic:



User-Made Flashcards:

— □ ×

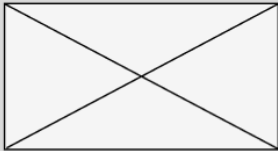
LOGOSelect the type of Flashcard Set

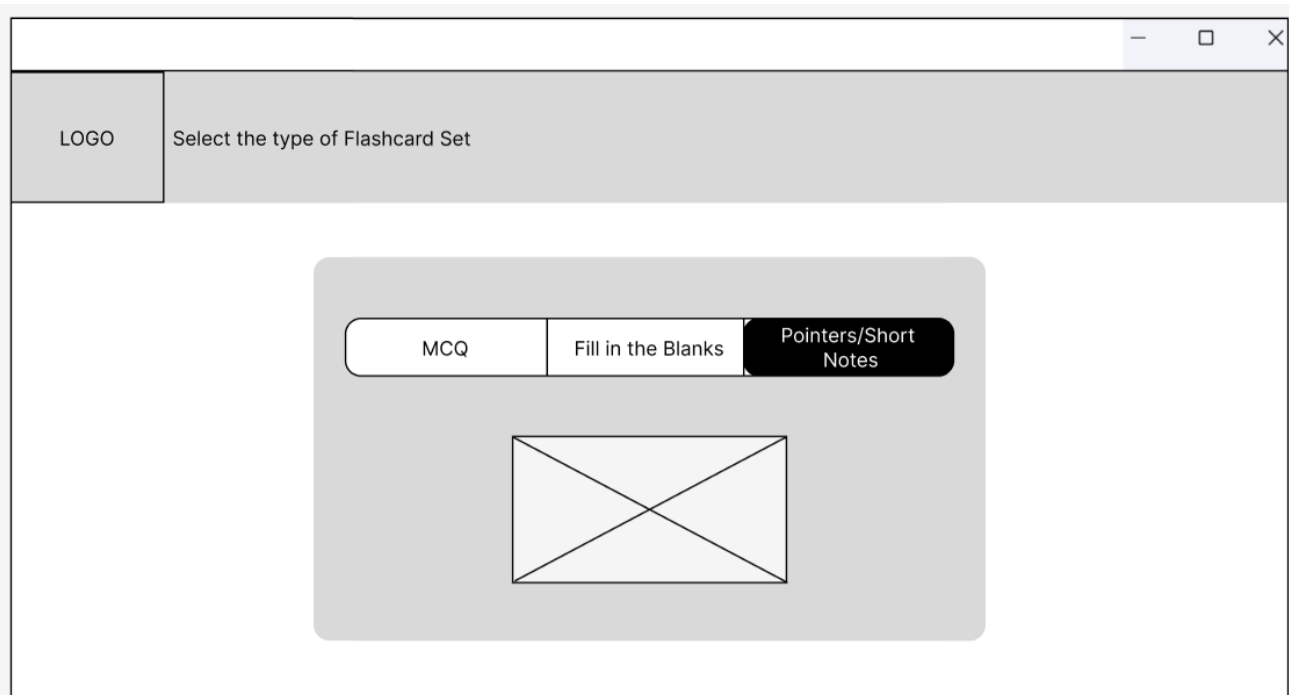
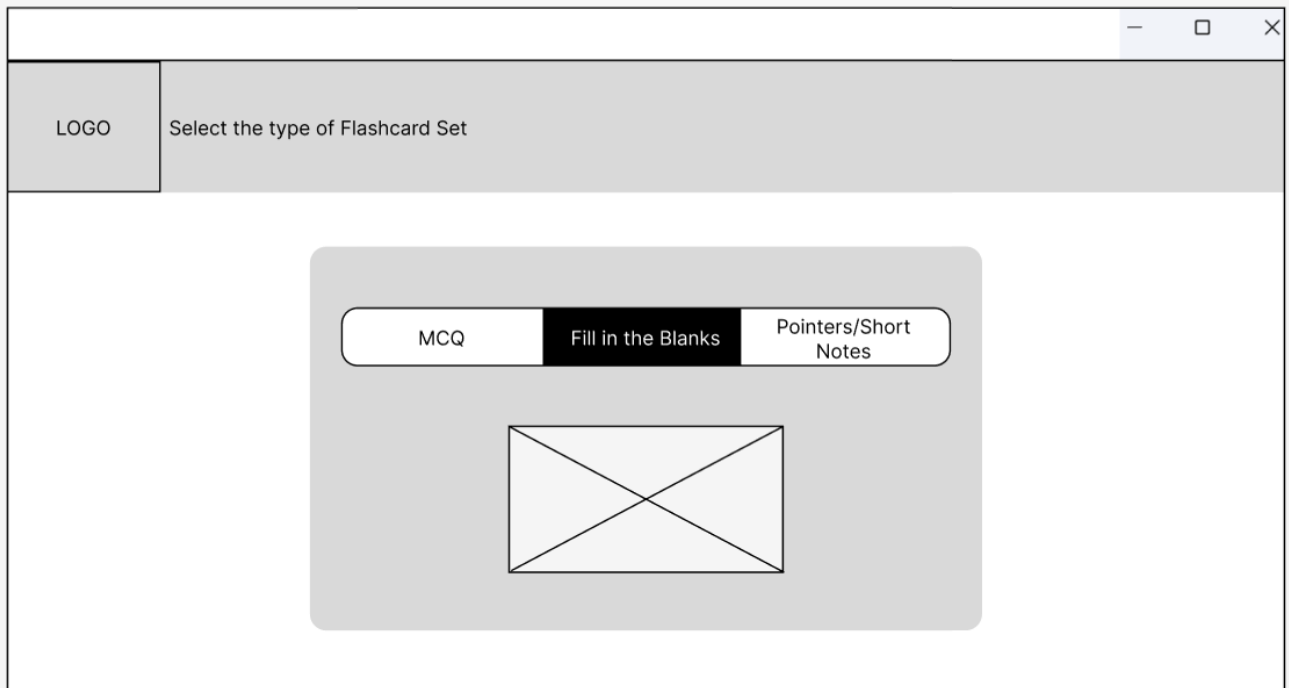
MCQFill in the BlanksPointers/Short Notes

— □ ×

LOGOSelect the type of Flashcard Set

MCQFill in the BlanksPointers/Short Notes





Flashcard Type – Q&A:

The screenshot shows a web application window titled "Make your Flashcards". On the left is a "LOGO" placeholder. The main content area has a "Flashcard Set Complete" notification in the top right. Below this, there are two input fields: "Question" with the placeholder text "Type Question" and "Answer" with the placeholder text "Type Answer". At the bottom center is a black button labeled "Add Flashcard".

Flashcard Type – Bullet Points/Short Notes:

The screenshot shows a web application window titled "Make your Flashcards". On the left is a "LOGO" placeholder. The main content area has a "Flashcard Set Complete" notification in the top right. Below this, there is a single input field labeled "Pointer" with the placeholder text "Type Bullet Point/Short Note". At the bottom center is a black button labeled "Add Flashcard".

Flashcard Type – MCQ:

The screenshot shows a web application window titled "Make your Flashcards". On the left is a "LOGO" placeholder. The main content area contains a form for creating a Multiple Choice Question (MCQ). It includes a "Question" field with the placeholder text "Type Question". Below it are four "Option" fields, each with the placeholder text "Type Option 1" through "Type Option 4". To the right of each option field is a radio button; the first radio button (for Option 1) is checked. At the bottom of the form is a black button labeled "Add Flashcard". In the top right corner of the main content area, there is a small badge that says "Flashcard Set Complete".


AI-Generated:

The screenshot shows a web application window titled "Enter Text, Document or Image". On the left is a "LOGO" placeholder. The main content area features a large, light gray rectangular box. Inside this box, at the top, are three tabs labeled "Text", "Document", and "Image". Below the tabs is a large rectangular area with a light gray background and a black 'X' drawn across it, indicating a placeholder for an image or document. In the bottom right corner of this large box is a small black button with a white right-pointing arrow.

Flashcard Generated – By Text

— □ ×

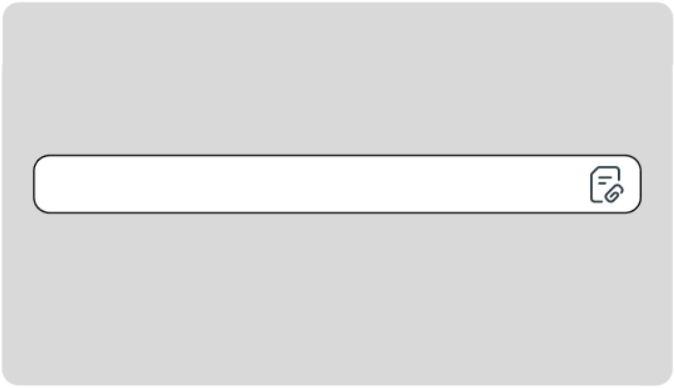
LOGOEnter Text

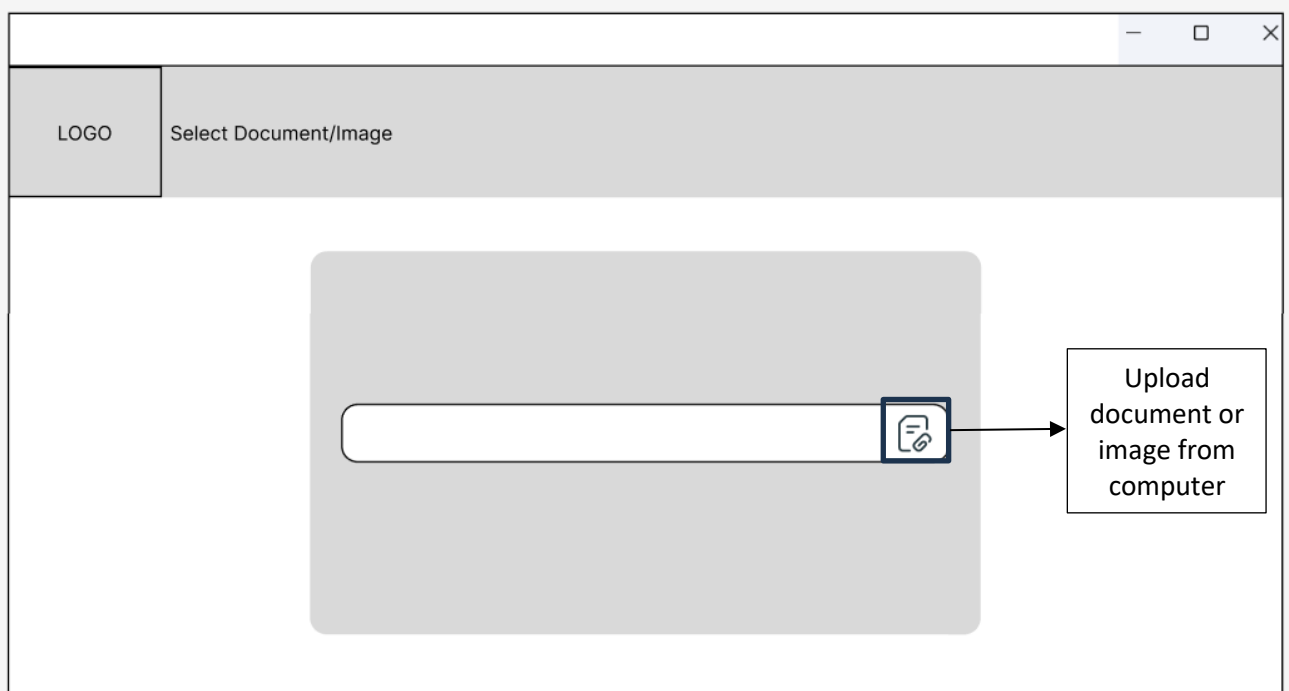


Flashcard Generated – By Document/Image

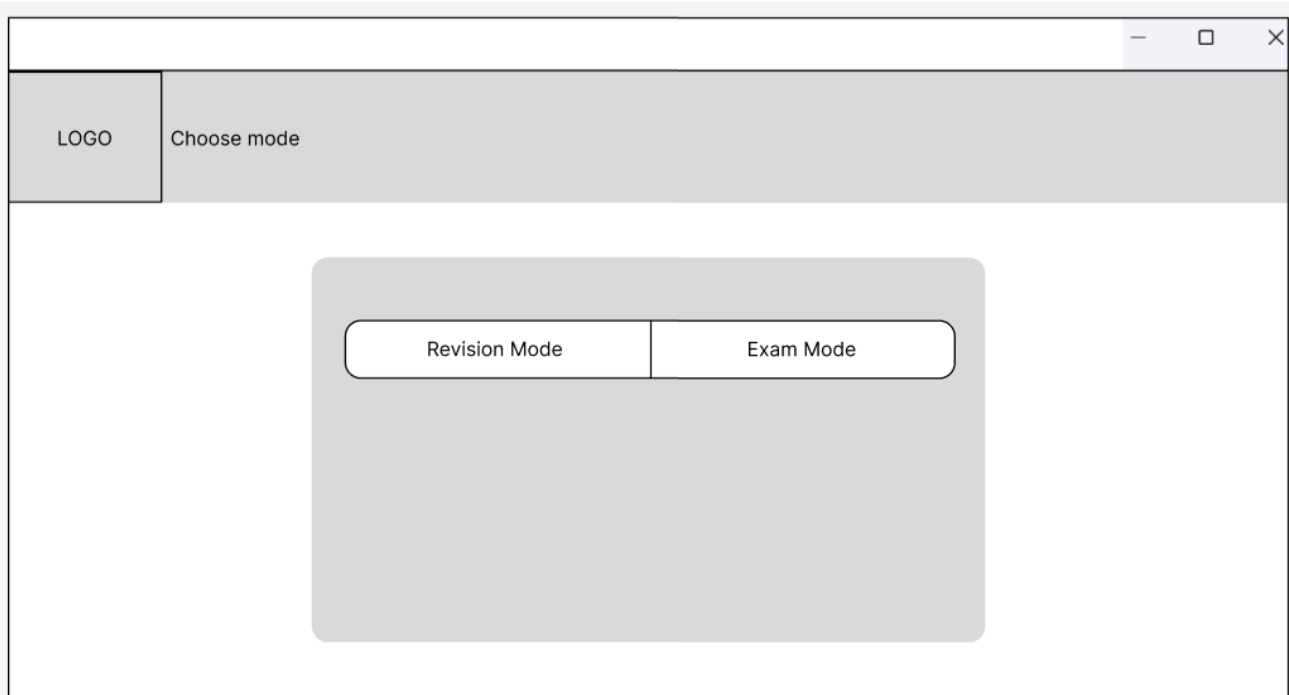
— □ ×

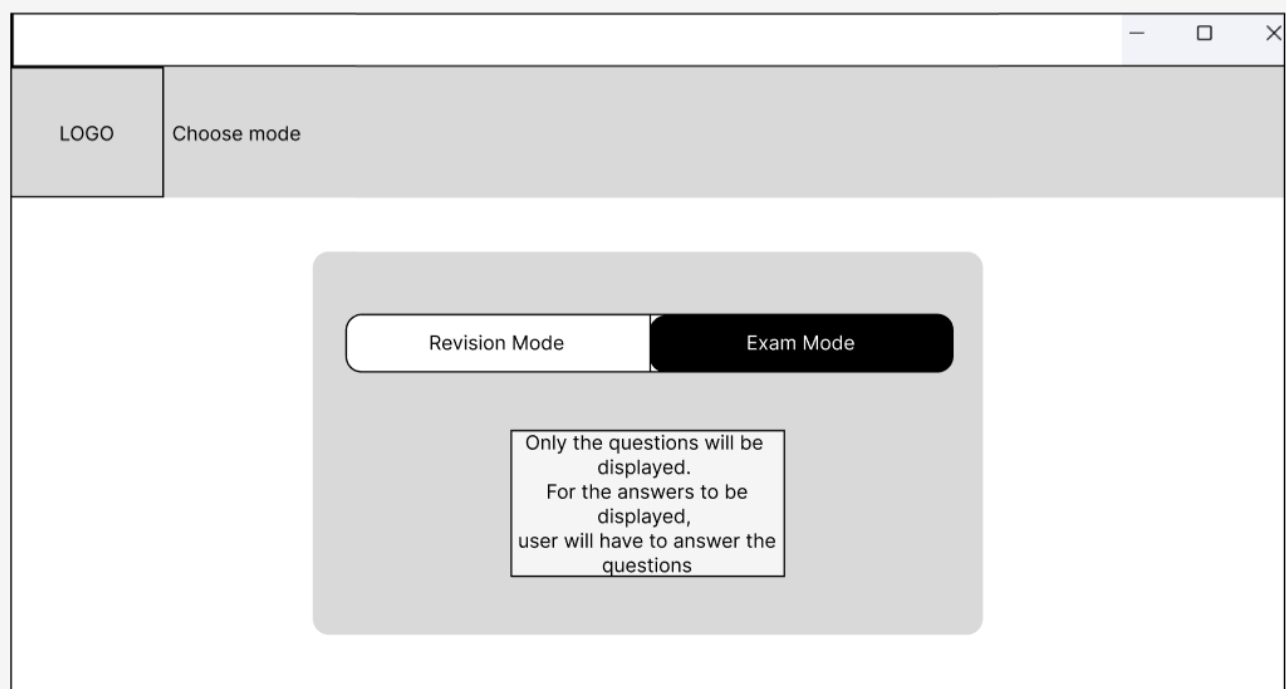
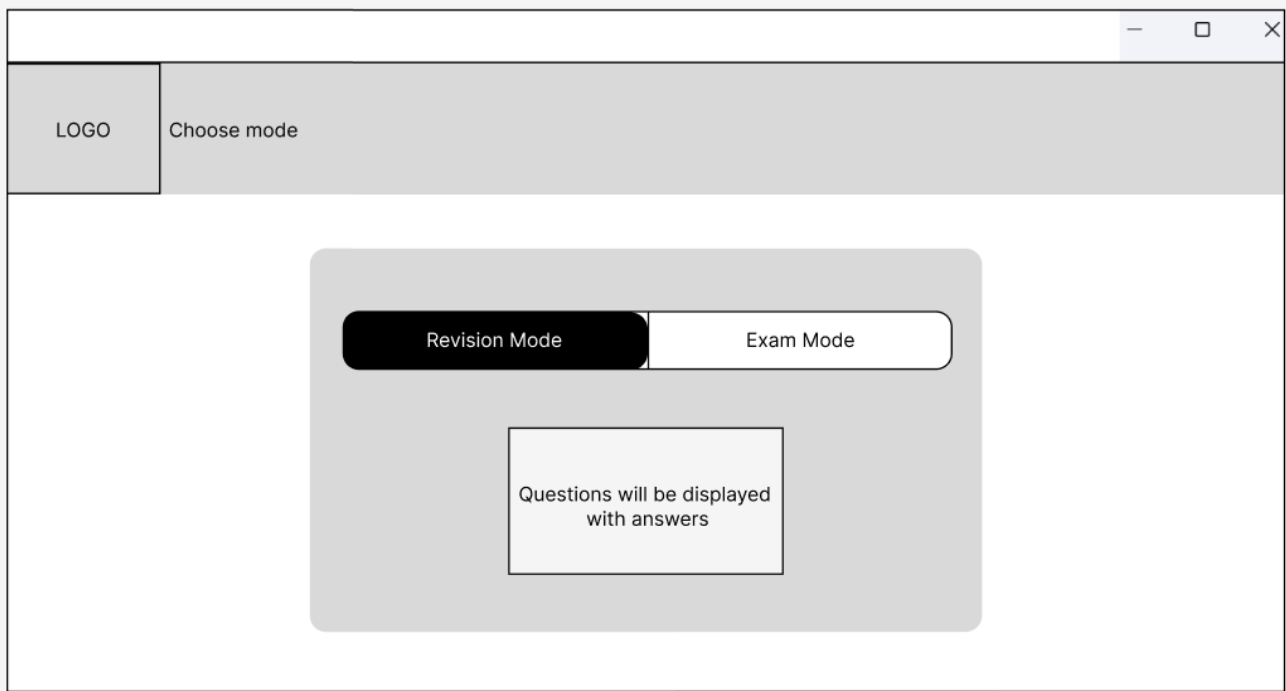
LOGOSelect Document/Image





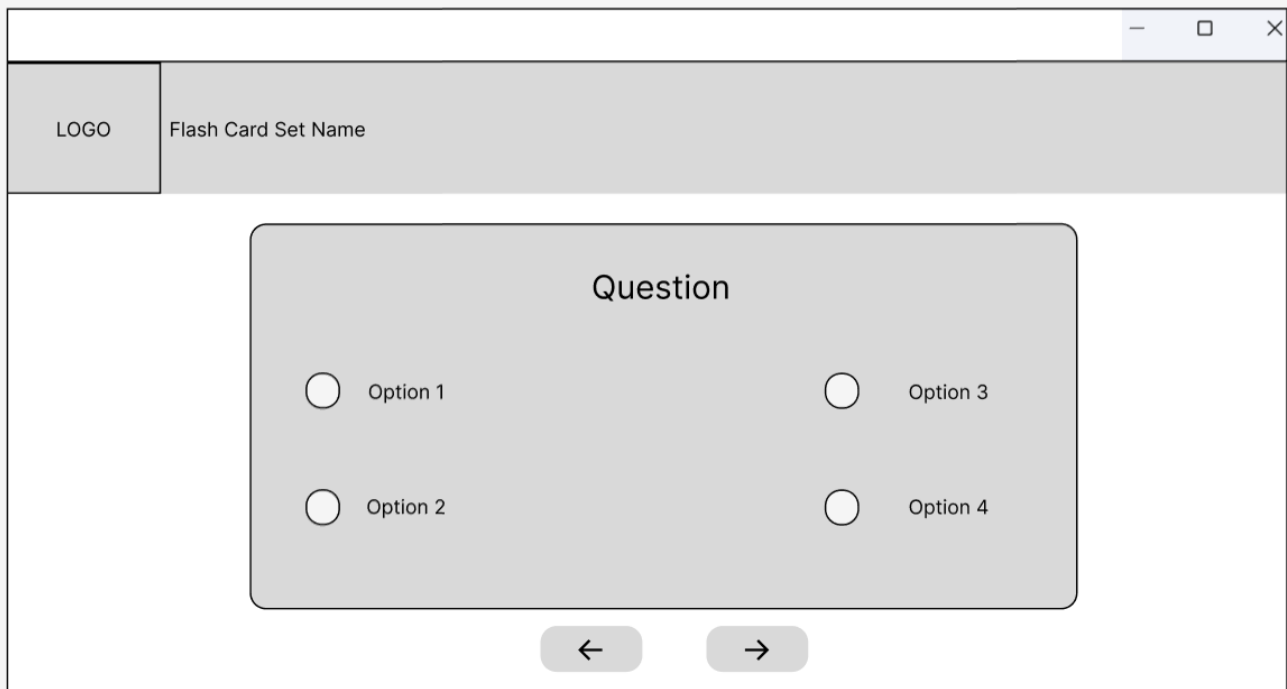
Mode of viewing Questions:





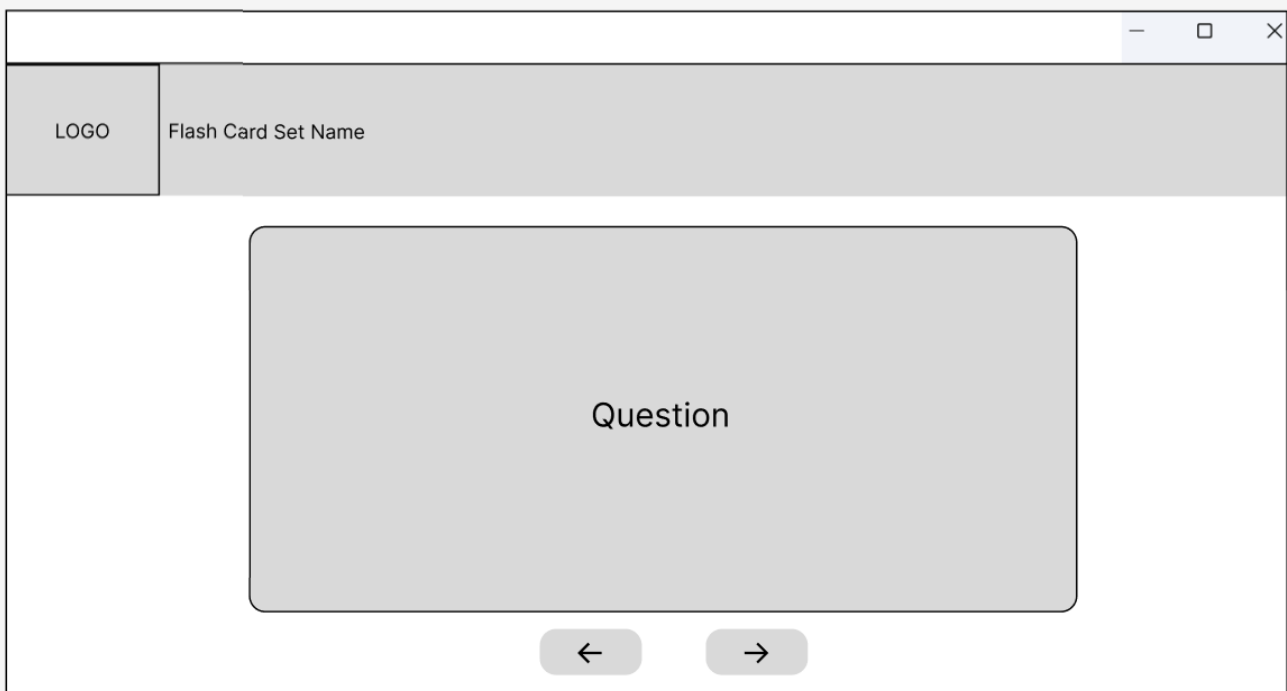
Displaying Flashcards:

MCQ Flashcards:

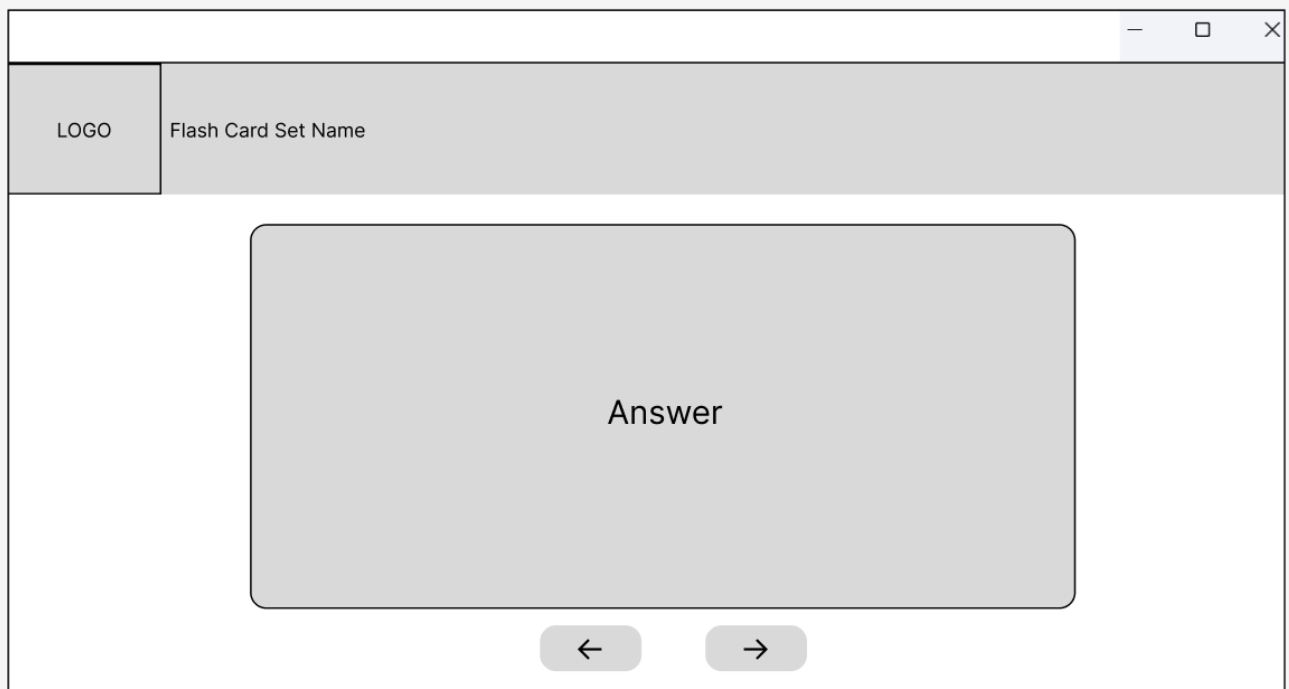


A screenshot of a web application window for displaying Multiple Choice Questions (MCQ). The window has a title bar with standard minimize, maximize, and close buttons. The main content area is divided into a header and a body. The header is a light gray bar with a 'LOGO' placeholder on the left and 'Flash Card Set Name' on the right. The body contains a large, rounded gray box with the word 'Question' centered at the top. Below the question box, there are four radio button options arranged in a 2x2 grid: 'Option 1', 'Option 2', 'Option 3', and 'Option 4'. At the bottom of the main content area, there are two navigation buttons: a left arrow and a right arrow.

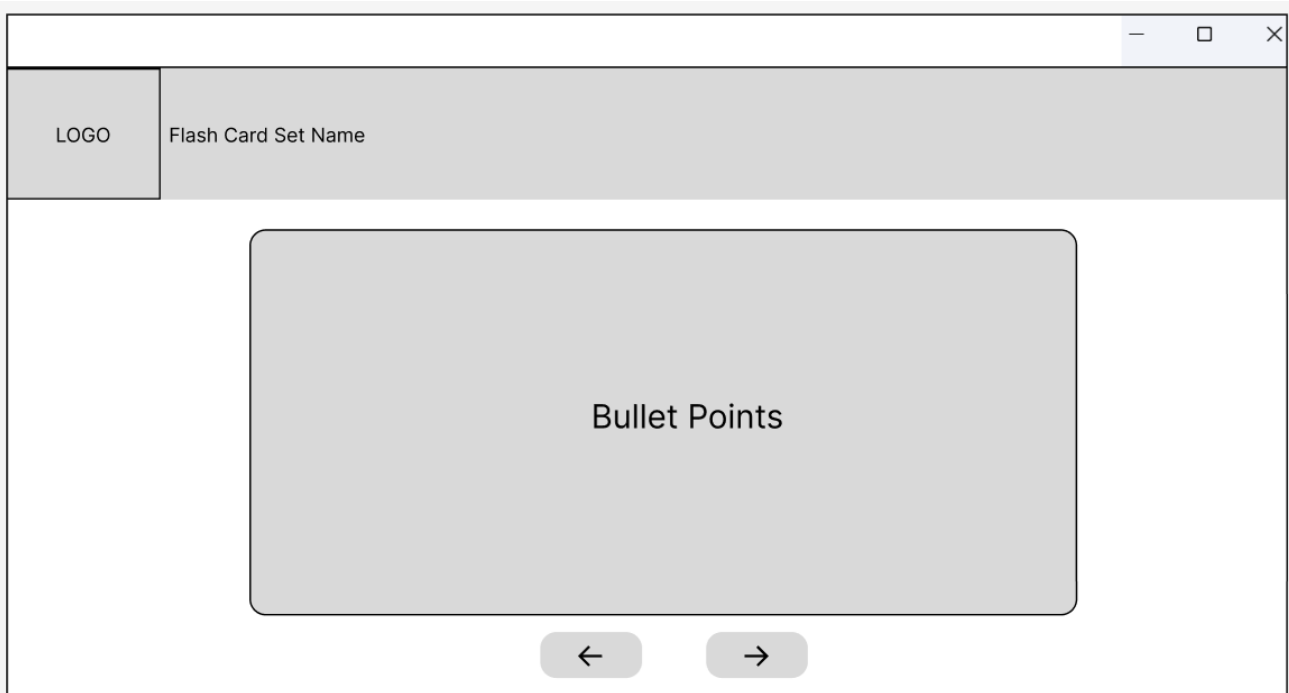
Q&A Flashcards (Front – Question, Back – Answer):



A screenshot of a web application window for displaying Question and Answer (Q&A) flashcards. The window has a title bar with standard minimize, maximize, and close buttons. The main content area is divided into a header and a body. The header is a light gray bar with a 'LOGO' placeholder on the left and 'Flash Card Set Name' on the right. The body contains a large, rounded gray box with the word 'Question' centered at the top. Below the question box, there is a large, empty rectangular area intended for the answer. At the bottom of the main content area, there are two navigation buttons: a left arrow and a right arrow.




Bullet Points/Short Notes:



Flashcard set -> PDF:

LOGO Flashcard set → PDF


Select Flashcard set to convert to PDF



This screenshot shows a web application window titled 'Flashcard set -> PDF'. The header bar contains a 'LOGO' on the left and the title 'Flashcard set → PDF' on the right. The main content area features a light gray rounded rectangle with the text 'Select Flashcard set to convert to PDF'. Below this text is a white input field with a blue dropdown arrow icon on its right side.

LOGO Flashcard set → PDF

Select Flashcard set to convert to PDF



Select the flashcard set from the dropdown list displayed

This screenshot is identical to the one above, but includes an annotation. A blue square highlights the dropdown arrow icon, and a black arrow points from this square to a text box on the right that reads: 'Select the flashcard set from the dropdown list displayed'.