ASSIGNMENT

1.

Level 4

COMP40004 : Web Development & Operating Systems 1
Individual Assessment

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INSTRUCTION TO CANDIDATES

2. **Late submission will be awarded zero (0) unless extenuating circumstances (EC) are upheld.**
3. **Cases of plagiarism will be penalized.**
4. **The assignment should be submitted as softcopy via LMS**
5. **The final documentation must showcase all evidence related to the sprint implementation in group assignments.**

Table of Contents

Learning Outcomes

1. **Understanding Website Structure**
   - Learned how to organize website elements (e.g., header, navigation bar, content, footer).
2. **Improved Design Skills**
   - Gained experience with wireframing tools like draw.io
   - Learned to balance aesthetics with functionality.
3. **Responsiveness**
   - Understood the importance of designing for both desktop and mobile users.
   - Learned to create layouts that adapt well across different screen sizes.
4. **Attention to Detail**
   - Ensured that all required elements were included as mentioned by the guidelines.
   - Created a well developed, low-fidelity wireframe.

Challenges Faced

1. **Aligning Elements Across Pages**
   - Challenge: Ensuring consistency in design while accommodating the unique content of each page.
   - Solution: Created a common template with uniform headers, footers, and navigation.

2. **Designing for Responsiveness**
   - Challenge: Balancing desktop layouts with mobile-friendly designs.
   - Solution: Adopted a mobile-first approach, ensuring scalability for larger screens.

3. **Understanding Requirements**
   - Challenge: Interpreting the assignment's expectations (e.g., lists, forms, referencing).
   - Solution: Reviewed guidelines multiple times and researched similar designs for inspiration.

4. **Tool Limitations**
   - Challenge: Limited access to advanced wireframing/editing tools.
   - Solution: Used draw.io to annotate a clear and effective wireframe.

Wireframe Descriptions

1. Home Page

Purpose: Introduces the store and its offerings.

Content: Brief introduction, main image, three subsections highlighting key features, bullet points, and a numbered list.

Design: Visually appealing with a large header, clear navigation, and well-organized content.

2. About Us Page

Purpose: Provides detailed information about the store's branches, operations, and history.

Content: Branch details (location, opening hours, descriptions), a summary table with headings and footer.

Design: Includes maps and images of the specific branch to enhance user experience.

3. Upcoming Games Page

Purpose: Highlights new and upcoming game releases for users to pre-decide.

Content: Images of games with release dates displayed on hover, an introductory paragraph.

Design: A simplistic grid layout for showcasing game thumbnails and images.

4. Consoles Page

Purpose: Showcases the latest gaming consoles available for purchase.

Content: Images of consoles with hover effects to display prices, detailed descriptions of products.

Design: Grid layout for easy browsing.

5. Gaming Peripherals Page

Purpose: Highlights gaming equipment like keyboards, mice, and headsets.

Content: Images of peripherals with hover effects for prices, brief descriptions.

Design: Consistent grid layout similar to the Consoles page.

6. <u>Games Page</u>

Purpose: Lists all available games in the store, categorized by popularity.

Content: Images of games with hover effects to show descriptions, clear categorization.

Design: Responsive layout ensuring easy navigation.

7. <u>FAQs & Queries Page</u>

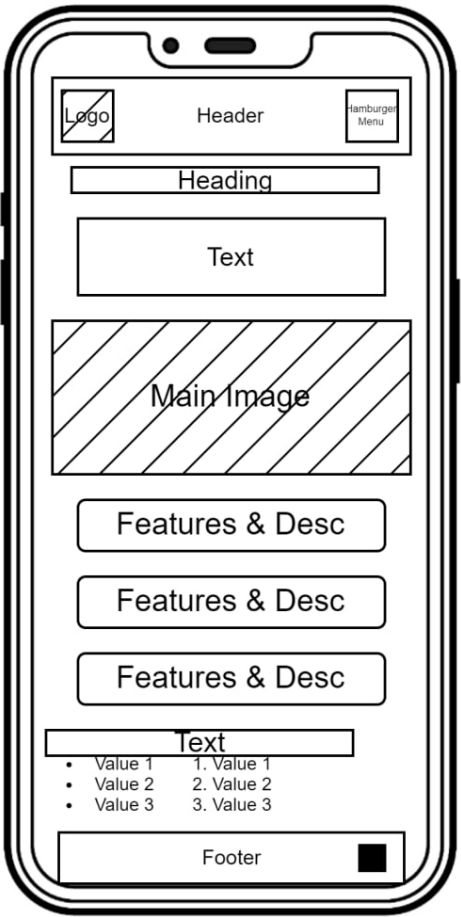**Purpose:** Answers common customer questions and provides a form for additional queries.

Content: Frequently asked questions with answers, a simple form for submitting queries.

Design: Split into two sections (FAQs at the top, form at the bottom) for clarity.
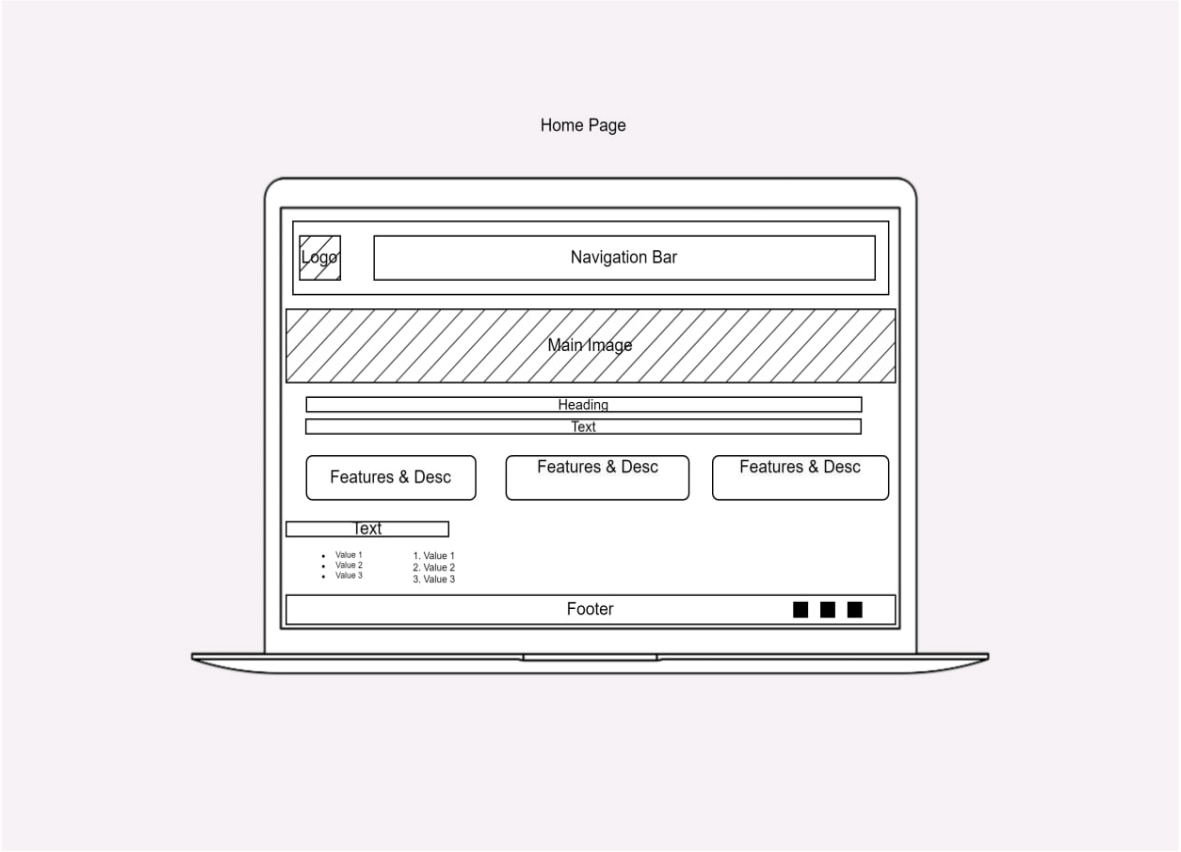
Home page for Desktop design

Home page

Home page for Mobile design
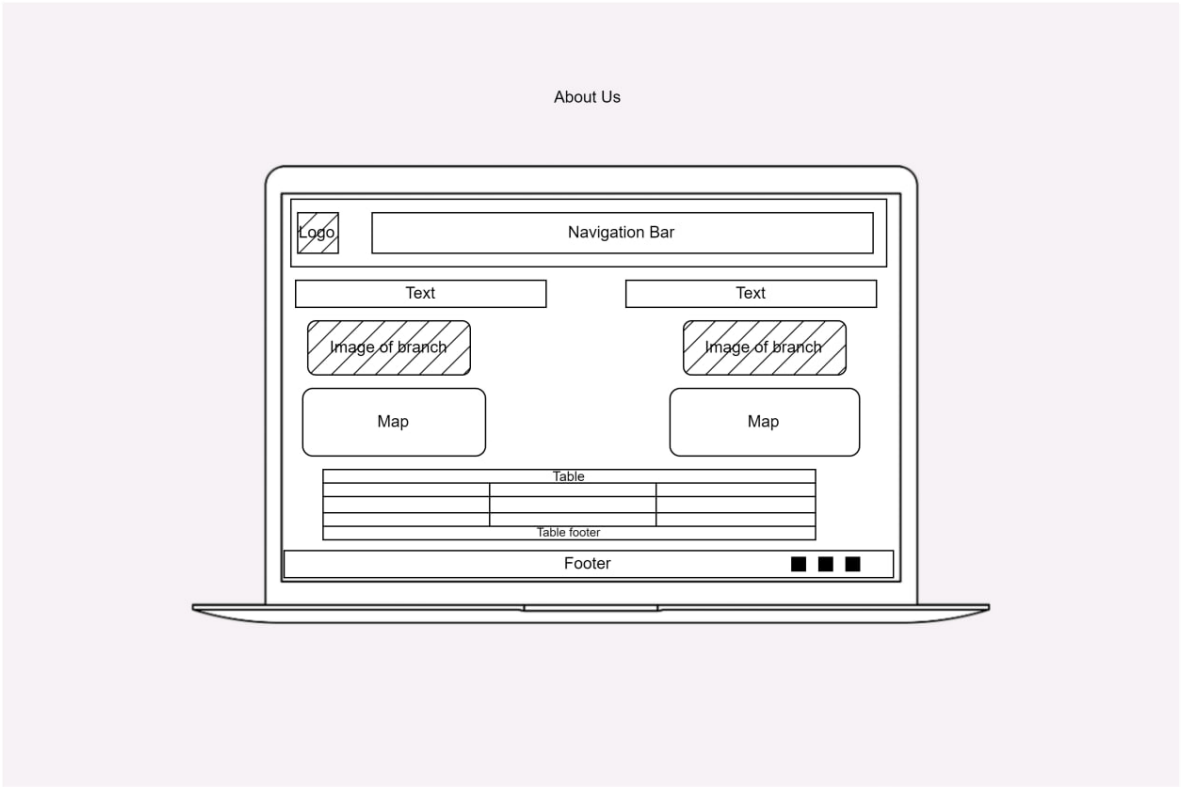
About us page for Desktop design
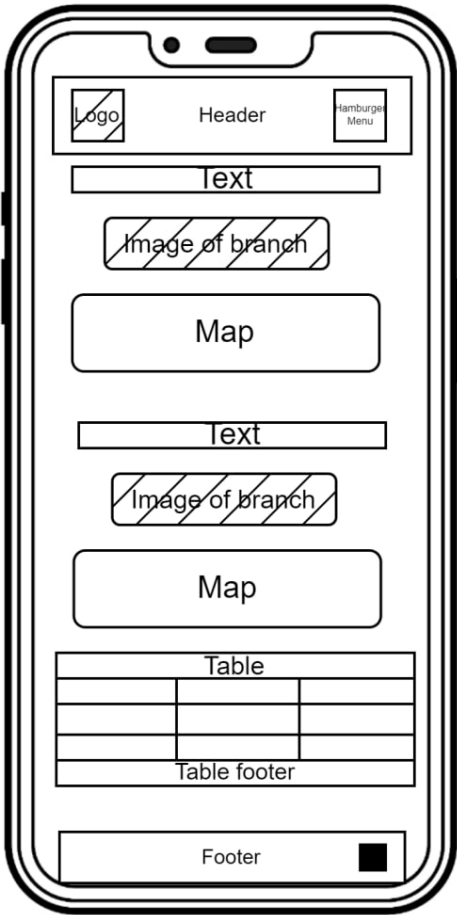
About us page for Mobile design
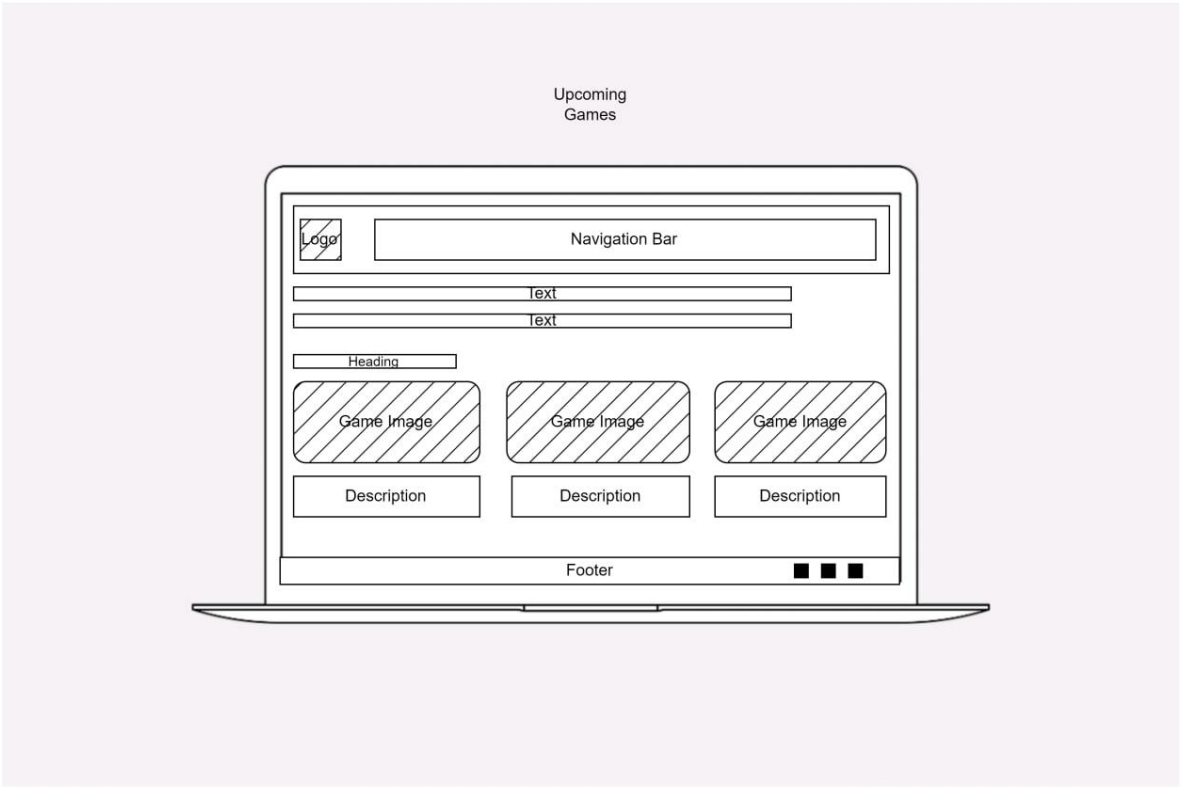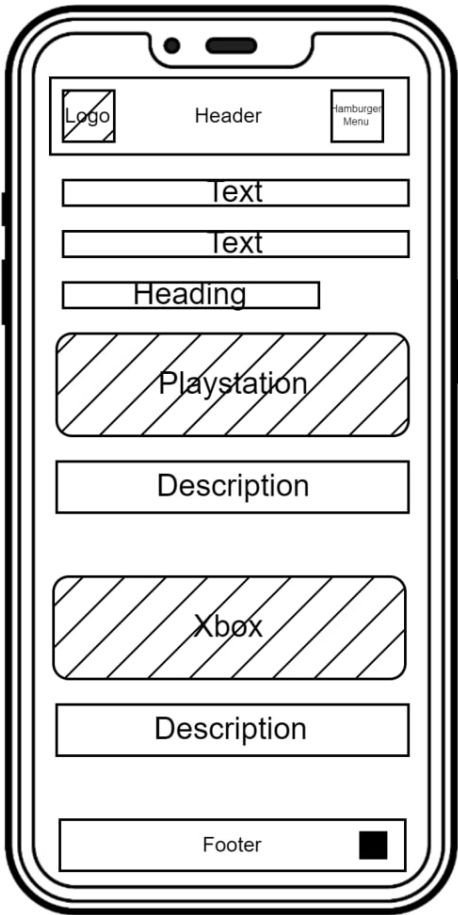
Upcoming Games page for Desktop design

Upcoming
Games

| Logo | Header | Hamburger Menu |

Text

Text

Heading

Game Image

Description

Game Image

Description

Footer

Upcoming Games page for Mobile design

Navigation Bar

Logo

Text

Text

Heading

Playstaton

Xbox

Nintendo

Description

Description

Description

Footer
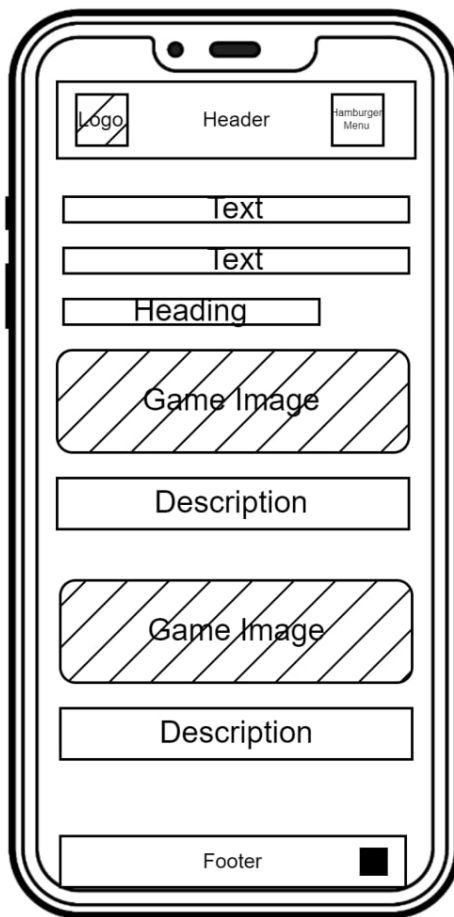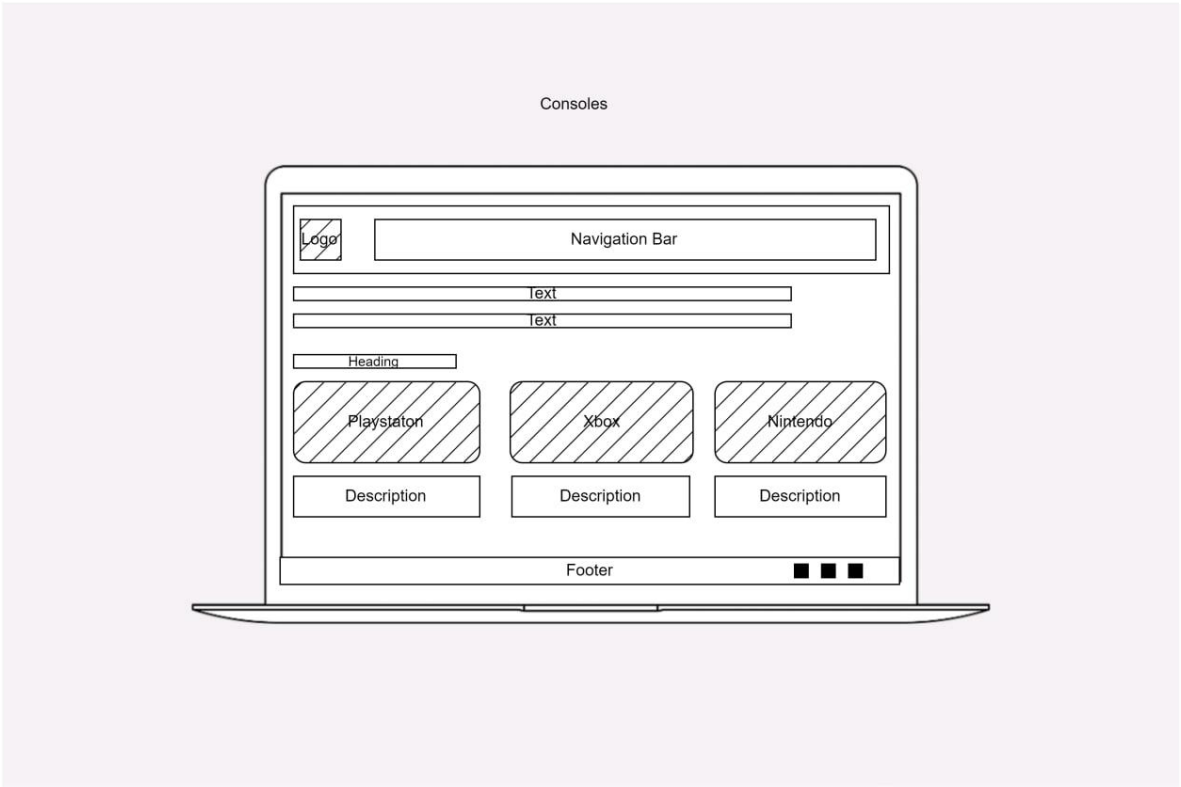
Consoles page for Desktop design

Consoles page for Mobile design
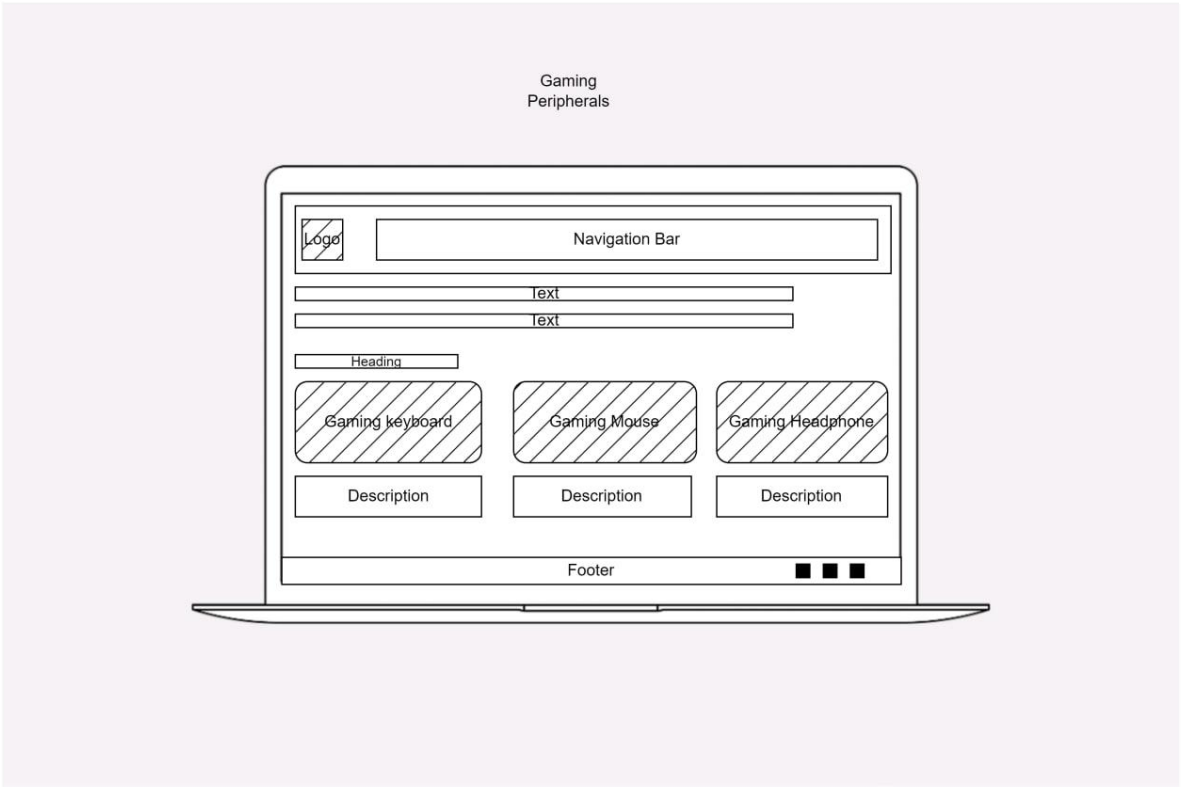
Gaming Peripherals page for Desktop design

Gaming
Peripherals

Logo   Header   Hamburger Menu

Text

Text

Heading

Gaming keyboard

Description

Gaming mouse

Description

Footer
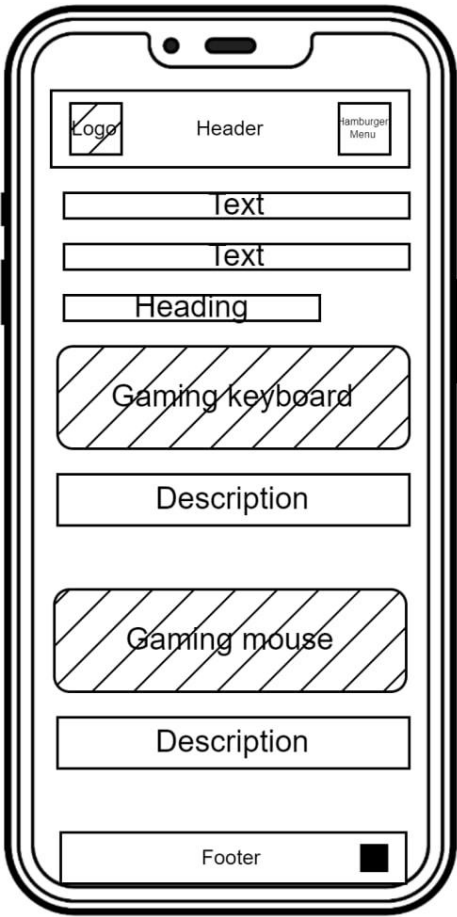
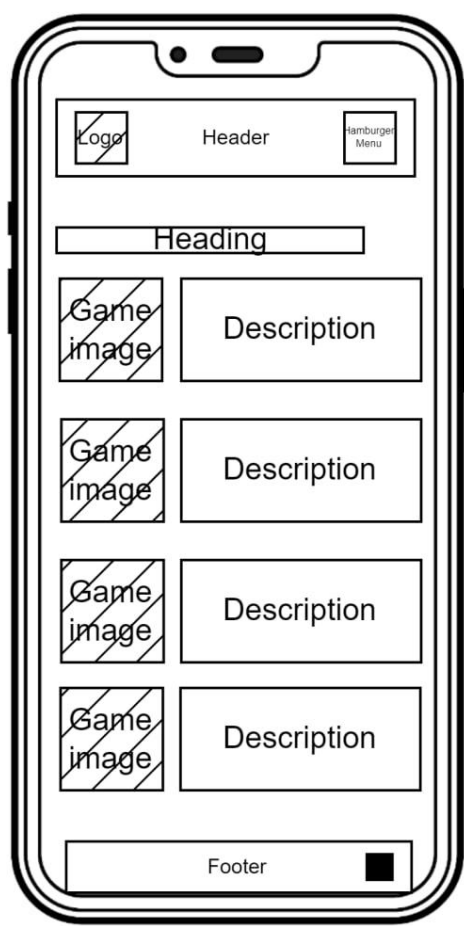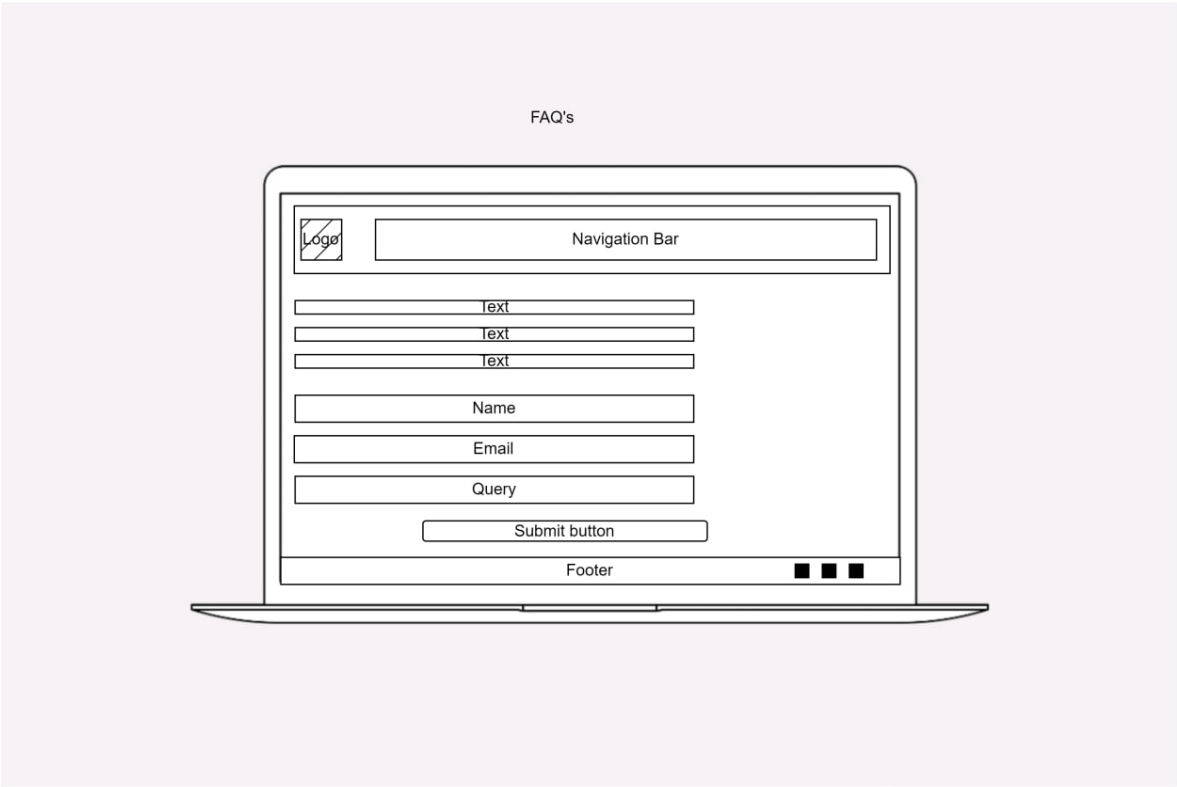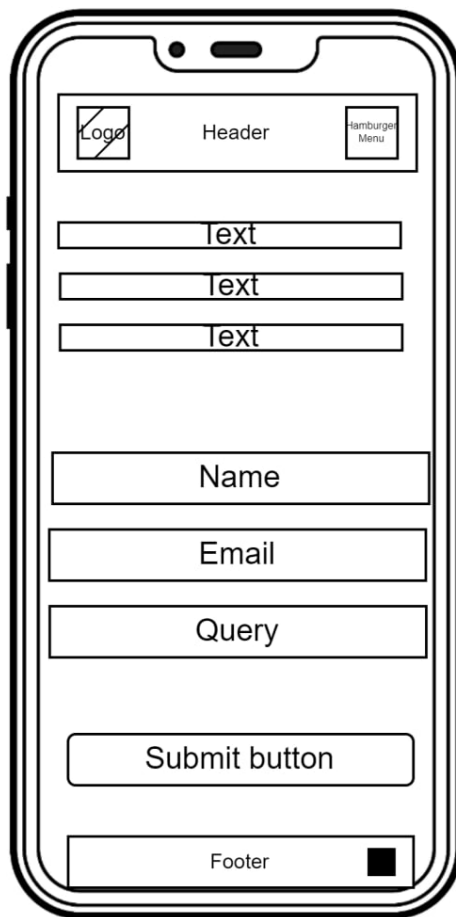*Gaming Peripherals page for Mobile design*
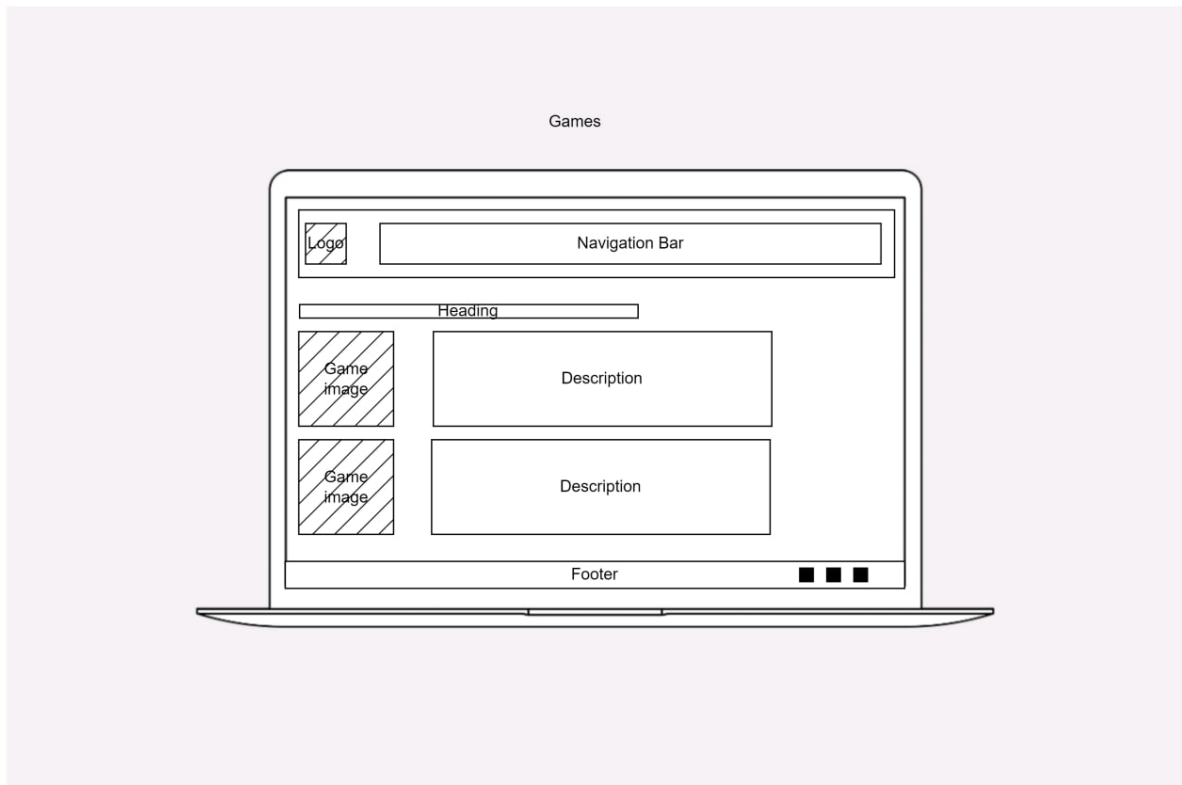
Games page for Desktop design

Games page for Mobile design

FAQ's page for Desktop design

FAQ's page for Mobile design