

BLG 101E: Introduction to Information Systems – 2023-2024 Fall

Term Project: Personalized Memory Game Website

Due Date: 07.01.2024 23.59

Project Overview:

Develop a **two-page personal website**, featuring an 'About Me' section and a custom memory game.

Homepage (About Me): (30 points)

- Personal Introduction: Feature your **name**, a **photograph**, and a **brief bio**.
- Academic Interests: Briefly describe your **academic interests** or **study areas**.
- Page Design: Use **CSS** for styling the page.
- Navigation Link: **Include a link to the memory game page**.

Game Page (Memory Game) (70 points)

- Game Objective: Create a memory game **where players click on cards in the sequence of the letters of either your name or surname**.
- Initial Setup:
 - o **Design vector images for each letter of your chosen name or surname**. For names or surnames shorter than five characters, append numbers to reach five characters (e.g., 'Ali' becomes 'Ali12').
 - o Initially, display these images face up on the page.

Memory Game



- o After the player presses the 'Start Game' button, **shuffle and randomly distribute the cards**.

Memory Game



After 2 seconds turn them face down to start the game.

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Memory Game



- Game Play:
 - The player must click the cards in the correct order of the letters in your name or surname. Correctly following the sequence earns the player 100 points.
Example Game for the Name "Berat": The player should first click the card for 'B', then 'E', followed by 'R', 'A', and finally 'T'.
- Scoring and Game Termination:
 - Display the player's score on the page, starting at zero. Give 20 points for each correct attempt.
 - The game ends if the player makes a wrong attempt (e.g., clicking 'T' after 'B' for 'Berat').
- Game Interface:
 - Include a score display on the page.
 - Provide a **'Start Game'** button to begin the memory game.
 - Also add a **'Restart'** button to play the game again.

NOTES:

- Use HTML, CSS, and JavaScript for website development.
- Git for version control and host the project on GitHub.
- The final website should be hosted and fully functional.
- Interactions among individuals are prohibited.

SUBMISSION:

- Submit a single PDF file to Ninova before the deadline.
- This PDF file should contain:
 - Your name and surname
 - Student ID
 - GitHub repository link
 - Project Homepage link
- Date and the time of the submission will not be changed. Please be aware of the deadline.