

PeerStudy Connect

Research Report and Prototype Documentation

Author: Student - PeerStudy Connect Prototype

Date: 2025-11-14

This report documents the PeerStudy Connect prototype. It explains the site's core features, how usability, user experience, design principles, interaction types, social and emotional interactions, and WCAG 2.0 accessibility were implemented. The prototype was built using HTML, CSS and JavaScript and is included with this report.

1. Website Functionality

PeerStudy Connect provides a focused platform for students to share study materials, form study groups, ask questions, and motivate each other. Core modules include: Home, Resources, Study Groups, and About.

2.

The
sat
imr

Example content block 1

Example content block 2

Example content block 3

screenshot placeholder

3.
The
an
me

Example content block 1

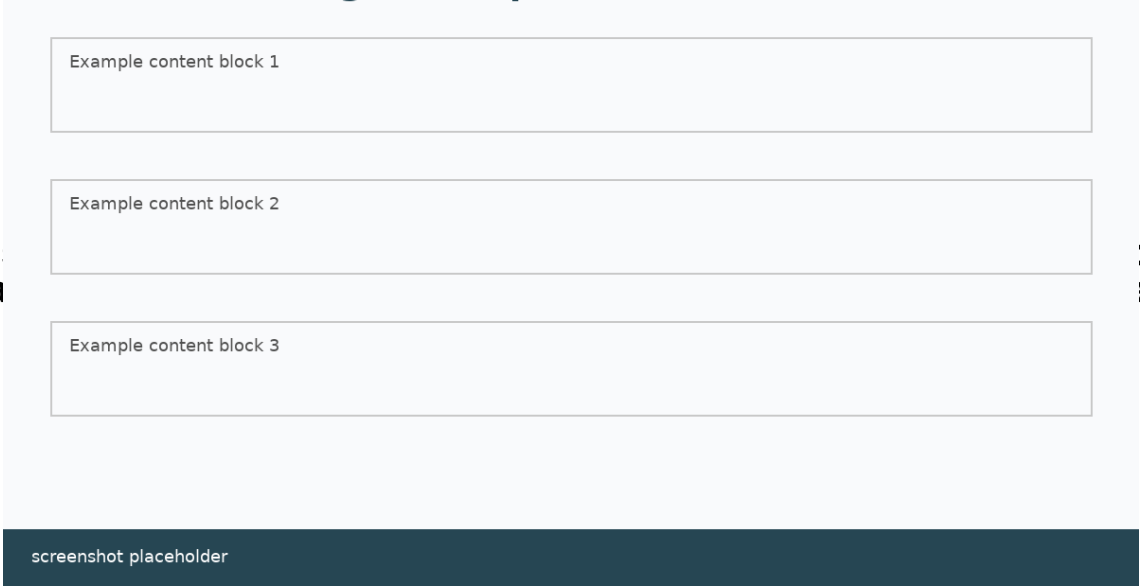
Example content block 2

Example content block 3

screenshot placeholder

iable. Gamifi
ne hero banno

4.
Vi
ca



orm the layout
3.

5.
Th
(si

Example content block 1

Example content block 2

Example content block 3

screenshot placeholder

avigation), m

6.
St
va

Example content block 1

Example content block 2

Example content block 3

screenshot placeholder

ole collaborat
s dynamical

7.

Co
me

Example content block 1

Example content block 2

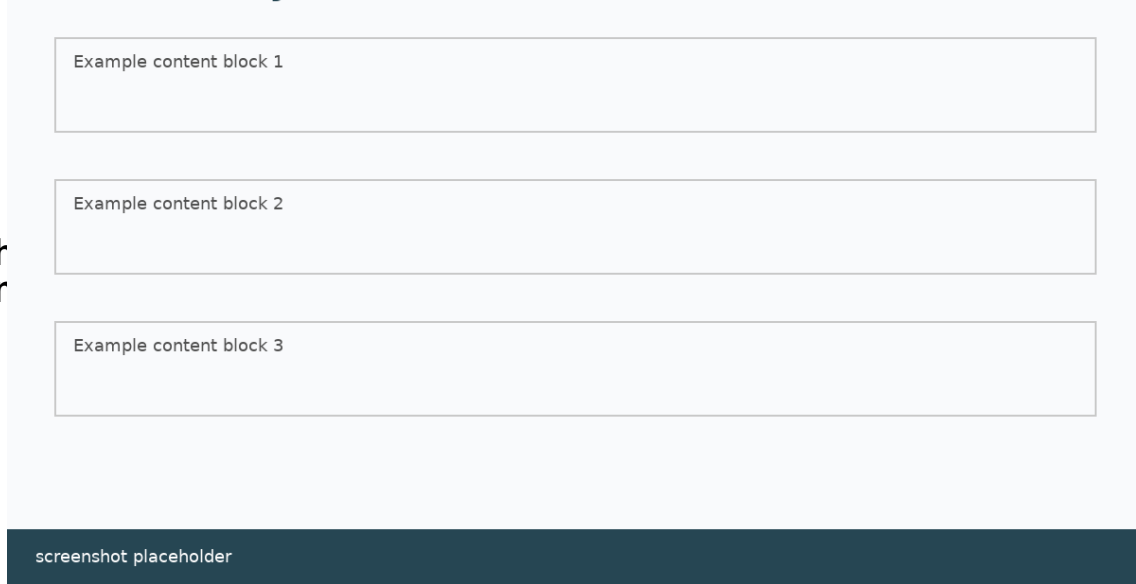
Example content block 3

screenshot placeholder

used to crea
es participati

8. Th

ur



keyboard nav
atible structu

9. Prototype Files and How to Run

Files included in the /PeerStudyConnect folder: HCIN.html, resources.html, gro about.html, style.css, script.js, and screenshots. To run: open HCIN.html in a b Live Server in VS Code.

10. Evaluation and Future Work

Usability testing should measure task completion time, error rates and satisfaction. Future work should include: persistent backend, real authentication, file storage, real-time collaboration, and accessibility testing.

References (Harvard - IIE adapted)

- Rogers, Y., Sharp, H. and Preece, J. (2023) Interaction Design: Beyond Human-Computer Interaction. 6th edn. Hoboken: John Wiley & Sons.
- The Independent Institute of Education (IIE). (2024) The IIE Harvard Style Reference Guide. Johannesburg: The IIE.
- World Wide Web Consortium (W3C). (2008) Web Content Accessibility Guidelines (WCAG) 2.0. Available at: <https://www.w3.org/WAI/standards-guidelines/wcag/>