

Visualizing the *Long March*: An Interactive Digital Humanities Project

An website-based project

Group 4

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Introduction and Application Scenarios

1 Proposed Project Overview



Interactive Long March Visualization

- Dynamic & interactive website presenting the Long March's historical journey in a user-friendly form.
- Integrates **Interaction Function** for a vivid experience.

Application Scenarios:

- **Educational tool** for history students and enthusiasts.
- **Cultural tourism aid** for museums or online exhibitions.

Target Audience:

- History learners
- Researchers
- General public interested in Chinese history.



Possible Data Source

2 Source Data



Key Data Contributors

- Librarian Data

Archives from libraries documenting the Long March.

- Official Documents

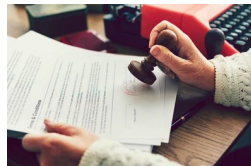
Government and military documents from the era.

- Press News

News reports covering historical events of the Long March.

- Third-Party Documents

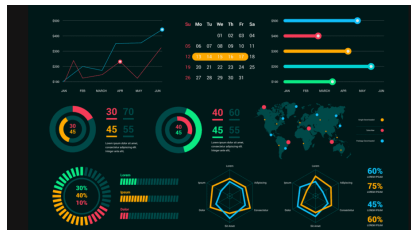
Publications by historians, independent journalists, and memoirs.





Web Design and Embedded Technologies

- Website Structure: HTML, CSS, JavaScript
 - For dynamic content and interactive elements.
 - An essential structure for multi-media content studies on the Internet, according to Brügger & Laursen's studies (2019).
- AR/VR Technologies
 - Virtual Reality:** Recreate the journey of the Long March
 - Augmented Reality:** Visualize battle scenes or terrains.
- Data Visualization Tools
 - D3.js or Chart.js** for maps and statistical graphs.





Key Components

- Homepage
 - **Introductory banner**, key links, and interactive buttons.
- Long March Timeline
 - Chronological events with interactive visuals and text pop-ups.
- Battle Maps
 - Visual maps detailing battle routes and outcomes.
- Hero Profiles
 - Chronological events with interactive visuals and text pop-ups
- Learning Hub
 - Resource center for documents, videos, and user discussions.

5 References



Brügger, N., & Laursen, D. (Eds.). (2019). *The historical web and digital humanities: the case of national web domains*. Routledge.



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