VISUALISATION OF CONTEMPORARY GEOGRAPHY OF SRI RAM

CONTENTS

OBJECTIVE

The project aims to chronicle the timeline of Lord Ram's existence during the Treta Yuga, as delineated in Maharishi Valmiki's Ramayana. It involves the estimation and dynamic representation of these locations on today's world map within a website. The objective is to create an interactive platform that not only facilitates user comprehension of the Ramayana but also fosters a deeper connection, allowing them to engage with the narrative emotionally.

The primary Motive is to impart valuable life lessons from Lord Ram's exemplary life, encapsulated in his character (charitra), as portrayed in Valmiki Ramayana. This initiative endeavors to instill in older/younger generations the significance of self-sacrifice for the greater good and the importance of upholding the four pillars of dharma. The aim is to not only educate but also evoke a profound emotional connection, enabling a more profound understanding of these timeless teachings.

MOTIVE

Methodology

1. COLLECTING DATA

- Collecting resources:
  - Valmiki Ramayana CE English translation : Bibek Debroy
  - Ramayana Suno (https://www.youtube.com/@SunoRamayan)
- Geographical Localization:
  - Detect and map historical locations from the Ramayana onto the current world map. This provides a modern and tangible representation of the epic's settings.
- Sequential Incident Mapping:
  - Sequentially map Ramayana events at each pinpointed location, allowing users to explore the narrative chronologically. Clicking on locations unveils incident details, enhancing the understanding of the epic's timeline.

Methodology

2. BUILDING WEBSITE

1. MERN Stack Website Development:

- Employing the MERN stack, we embark on the creation of a robust and dynamic website, leveraging the strengths of each component for a comprehensive development approach.

2. MapBox Integration in ReactJS:

- Enhancing user engagement, we seamlessly integrate Mapbox into the ReactJS frontend. This integration will empower the website with interactive map feature , ensuring an immersive and visually compelling user experience.

3. MongoDB for Location Data:

- Our chosen database, MongoDB, serves as the repository for location data. Each location, coupled with incident details, is encapsulated as an object. This NoSQL approach provides flexibility in handling diverse data structures, aligning seamlessly with project requirements.

4. Integration for Website Completion:

- The final step involves the meticulous integration of MapBox, MongoDB, and our ReactJS frontend. This harmonious collaboration ensures the cohesive functioning of the website, where users can seamlessly explore the Ramayana narrative through interactive maps, enriched with location-specific incident details. ReactJS for the implementation of interactive maps.

EXPECTED OUTCOMES

The anticipated result involves the technical creation of a distinctive platform for the interactive study of the Ramayana, thereby revitalizing educational methodologies. On a moral plane, the overarching aspiration is to kindle a profound understanding of the genuine concepts and meanings inherent in dharma, along with other disciplines and moral values, among the younger generation. This endeavor seeks to inspire them to embrace the righteous path with a heartfelt commitment to these enduring principles.

TEAM DETAILS:

- Rayaan Khan
  - 2021101120
- Santhoshini Thota
  - 2021101097
- Yash Shivhare
  - 2021101105