Topic 1

1. **Title:** *Enhancing User Experience: Crafting Visually Engaging Service Visualizations for Diverse Sectors with Enhanced Page Responsiveness of Bhuvan through UI/UX Principles*

2. **Description**: The challenge entails revamping the presentation of Bhuvan services across various sectors by infusing superior UI/UX practices to ensure not just aesthetic appeal but also increased responsiveness of web pages. This aims to captivate diverse users while ensuring a seamless and engaging experience of Bhuvan Landing Page.

3. **Objectives**:
   a. Develop visually appealing service visualizations across diversified sectors of Bhuvan.
   b. Enhance the responsiveness of Bhuvan Landing Page through UI/UX principles.
   c. Ensure the usability and accessibility of services to cater to a broad audience.

4. **Expected Outcomes:**
   a. Innovative and visually captivating service representations.
   b. Improved page responsiveness and load times.
   c. Enhanced user engagement and satisfaction.
   d. Solutions scalable across various sectors.

5. **Relevant data and steps to get the data from Bhuvan/ other sources:**
   a. Demographic data across various sectors for user analysis.
   b. User behavior statistics for different sectors in Bhuvan.
   c. Performance data for different UI/UX designs.
   d. Accessibility guidelines and best practices for diverse user needs.

6. **Steps to be followed for achieving the objectives:**
   a. Explore the current landing page of Bhuvan (https://bhuvan.nrsc.gov.in/).
   b. Research and analyze user demographics and behavior across diverse sectors of Bhuvan.
   c. Collect and study UI/UX data for responsiveness improvements.
   d. Design prototype visuals using gathered data and principles.
   e. Implement responsive design to ensure optimal performance.
   f. Test and refine designs for usability and accessibility.
   g. Iterate based on feedback and optimize for different sectors.

7. **Evaluation:**
   a. Visual Appeal: Creativity, innovation, and alignment with diverse sector needs.
   b. Responsiveness: Page load times, adaptability across devices.
   c. Usability: Intuitiveness, ease of navigation, and accessibility.
   d. Scalability: Potential for application across various industries.