Coding Group Project Proposal

Team Members:

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We aim to design an instructional website that teaches 4th or 5th-grade students knowledge about the time zone. By using our website, the students should be able to understand why there are time zones and how to calculate time differences. The website will contain interesting scenarios that lead students to solve the two questions step by step. Some interactive tools will also be introduced to our website to provide a vivid learning experience.

Target Audience: 4-5th-grade students
Learning objective:
- Understand why there is time zone
- How to calculate the time difference
- How to apply time zone and time difference in a real-life context

Functions:
- Scenario setting and introduction
- Concept explanation
- Interactive tools including moveable earth/map
- Calculator tools
- Quiz section

- StoryBoard

goal: Teach children geography — knowledge about Time Zone.

Home page with navigat bar and galaxy backgroud.

Introduction of Time Zone

Move the earth with mouse to explore

click the botton to Calculate the Time Zone

Quiz: Calculate the Time diffecence.