CodeVista Global EdTech Extension Challenge
Hackathon Details:

Problem Statement:

As technology advances and the world becomes more interconnected, there is a growing need for educational platforms to evolve and adapt to global challenges. GeeksforGeeks, a renowned practice platform for computer science and programming, aims to enhance its user experience and cater to a broader audience by incorporating extensions that address global themes. Students are tasked with developing innovative extensions that not only improve the platform's functionality but also align with key global issues. The goal is to create a more inclusive and socially responsible learning environment.

Select at least one of the following objectives, and feel free to explore a sub-theme that extends beyond conventional boundaries:

Sub-Themes:

Multilingual Support: :
- *Objective:* Enhance GeeksforGeeks by introducing support for multiple languages to make the platform accessible to a diverse global audience. Students should consider language translation features for both content and interface elements.

Accessibility and Inclusivity :

- *Objective:* Design extensions that improve accessibility for users with disabilities. This could include features such as screen reader compatibility, high-contrast themes, and keyboard navigation enhancements.

Collaborative Learning :
- *Objective:* Integrate collaborative tools to foster a sense of community among users. This could involve features such as forums, peer code reviews, or collaborative coding challenges to encourage teamwork and knowledge sharing.

Real-world Problem Solving:
- *Objective:* Create extensions that simulate real-world problem-solving scenarios, encouraging users to apply their programming skills to address global challenges. This could involve incorporating industry-specific projects or case studies into the platform.

Real-time Progress Monitoring:

- *Objective:* Implement a dashboard that provides users with real-time insights into their progress, highlighting completed tasks, time spent on each activity, and areas for improvement. Visualizations should be clear and motivating to encourage continuous learning.

Submission:

1. **Project Title**: Title to your project
2. **Project Description:** Give a Brief description of your project, not more than 500 words.
3. **GitHub Repository**: Github Repository must consist of
   a.Readme File:

   - The repository must include a well-structured and informative readme file.
   - The readme should provide an overview of the Extension, its purpose, features, and functionalities.
   - Include clear installation instructions, prerequisites, and usage guidelines.
   - Mention any external dependencies or libraries required to run the code.

   b.Code Files:

   - The repository should contain all the relevant code files related to the project.
   - Ensure that essential code files are included with other documents.
   - Organize the code files logically within the repository's directory structure.

Examples of Extension Ideas:

Extension for Automated Code Create an extension that automates code reviews for practice problems on GeeksforGeeks. The extension should provide constructive feedback on code quality, efficiency, and adherence to best practices.

Collaborative Tools: Design and build tools that facilitate seamless collaboration among remote team members. This could include virtual whiteboards, project management platforms, real-time document editing, or any other solution that enhances team coordination.

Code Snippet Library Extension: Create an extension that allows users to build and manage a personal code snippet library within the GeeksforGeeks platform. Enable easy insertion of saved snippets into coding problems.

GeeksforGeeks Code Challenge Reminder: A reminder plugin that notifies users about upcoming coding challenges or contests on GeeksforGeeks.

GeeksforGeeks Theme Changer: A simple extension that adds different theme mode options to the GeeksforGeeks website for users who prefer different theme interfaces.

GeeksforGeeks Learning Path Recommender: Build a plugin that recommends personalized learning paths based on a user's preferences, skill level, and the topics they've already covered.

Geeksforgeeks Problems Time - Decider The "Geeksforgeeks Problems Time-Decider" will be a feature designed to help users manage their time effectively when solving programming problems on the GeeksForGeeks platform. The primary goal is to provide users with a tool that aids decision-making regarding the allocation of time to solve different problems based on their difficulty levels and individual preferences.

References and Appendices

Any supporting references, mocks, diagrams, or demos that help portray your solution

Note: Project submissions for the hackathon will be accepted online.