

General Instructions

1. Create a git code repository on either github/gitlab, and share the instructions to access you solution
2. Please do not plagiarize/copy-paste any publicly available solution. You are allowed to use code-assist tools and research. Please give reference to the tools/resources you used.
3. As a solution, create a Solutions document that explains your approach and steps.

ASSIGNMENT

Design and implement a proof-of-concept solution for building a planner that can autonomously plan a vacation for you and also make necessary bookings, if the user has provided payment information and given such permissions.

You can make suitable assumptions to implement the PoC. For example, assume that the planner has access to your calendar, preferences, etc.

Make sure that you use as much open source GenAI technologies as suitable in your solution.

Submission Checklist:

- Solution document explaining the problem, your approach/high-level architecture, techstack
- Repository link
- Hosted solution/ demo video
- Add one section in your solution report where you list all vulnerabilities and risks you can identify in your design choices. For each risk, (1) describe the potential attack scenario, (2) assess the likelihood and impact, (3) propose mitigation strategies considering budget constraints, and (4) explain how you would monitor for these risks in production.