Weekly Report

24/06/2024 – 01/07/2024

Group ID: **3**
Project Name: Gogle
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Team members:
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1. Achievements since last week:

STT	Description	Due Date	Responsibility	%Complete
1	Develop Frontend Create Trip UI (Phase 1 & 2)	30/06/2024	Ly Dinh Minh Man Vo Nguyen Phuong Quynh	60%
2	Fix Backend Place API bugs	30/06/2024	Huynh Cao Tuan Kiet	100%
3	Integrate Atlas full-text search functionality	01/07/2024	Le Duy Anh	100%
4	Create Project Gantt chart for visualization	30/06/2024	Cao Huu Khuong Duy	100%
5	Update Swagger documentation for API updates	01/07/2024	Le Duy Anh Huynh Cao Tuan Kiet	100%
6	Implement price-based categorization for trips	30/06/2024	Cao Huu Khuong Duy	100%

1. Develop Frontend Create Trip UI (Phase 1 & 2):

- **Phase 1:** This might involve building the basic structure of the trip creation page, including fields for destination, dates, and travel type (solo, group, etc.). It could also include functionalities like adding basic trip descriptions and uploading photos.
- **Phase 2:** Here, the focus might shift towards refining the user experience. This could involve implementing features like travel budget input, activity selection options, and integration with external services for booking flights or accommodation.

2. Fix Backend Place API bugs:

- This means identifying and resolving issues that prevent the application from interacting correctly with the "Place" data source.
- The bugs could be related to incorrect data retrieval, parsing errors, or authentication problems with the API.

3. Integrate Atlas full-text search functionality:

- This involves connecting the application to Atlas' search capabilities. Users will be able to search for trips based on keywords like destinations, activities, or specific trip details within descriptions.

4. Create Project Gantt chart for visualization:

- A Gantt chart will be a visual representation of the project timeline. It will show tasks, their durations, dependencies, and deadlines. This helps everyone involved understand the project flow and identify potential bottlenecks.

5. Update Swagger documentation for API updates:

- Swagger is a framework for documenting APIs. Whenever changes are made to how the application interacts with external data or services (APIs), the Swagger documentation needs to be updated to reflect these changes. This ensures developers using the API have accurate information.

6. Implement price-based categorization for trips:

- This involves creating a system to categorize trips based on their associated costs. Imagine adding filters by price range (budget-friendly, luxury) or displaying price information prominently when browsing trip listings.

2. Issues and impacts:

1. Develop Frontend Create Trip UI (Phase 1 & 2):

- **Issue:** Poor UI design or functionality issues during trip creation could lead to user frustration and difficulty in planning trips. Incomplete features in later phases might limit user options and trip customization.
- **Impact:** Users might abandon the trip creation process or find the application cumbersome. This could lead to negative reviews and a decrease in user engagement.

2. Fix Backend Place API bugs (you already provided a good example):

- **Issue:** Bugs in the Place API can prevent users from accessing accurate information about destinations, leading to poor trip planning decisions.
- **Impact:** Users might end up with inaccurate trip information, affecting their travel experience and potentially causing frustration.

3. Integrate Atlas full-text search functionality:

- **Issue:** Issues with the Atlas search integration could lead to inaccurate or incomplete search results, making it difficult for users to find desired trips.
- **Impact:** Users might waste time searching for trips that don't exist or miss out on relevant trip options due to faulty search functionality.

4. Create Project Gantt chart for visualization:

- **Issue:** An inaccurate or poorly designed Gantt chart can lead to missed deadlines, confusion about project progress, and difficulty identifying resource allocation issues.
- **Impact:** Project delays, missed milestones, and potential rework due to misunderstandings about the project schedule.

5. Update Swagger documentation for API updates:

- **Issue:** Outdated Swagger documentation can lead to developers using incorrect information when interacting with the application's APIs. This can cause errors and slow down development progress.
- **Impact:** Development delays, integration issues, and potential bugs due to developers relying on inaccurate API information.

6. Implement price-based categorization for trips:

- **Issue:** A poorly designed price categorization system could make it difficult for users to find trips within their budget or lead to inaccurate price information.
- **Impact:** User frustration due to difficulty in finding budget-friendly options or misleading pricing information that might affect trip decisions.

3. Next week's goals:

Focus on User Experience and Internal Documentation:

1. **Consolidate Project Information:** Review all reports related to PA-2 to gain a comprehensive understanding of the project's current state.
2. **Refine Search Functionality:** Analyze and potentially adjust the search logic to ensure users can easily find the trips they're looking for.
3. **Enhance Trip Planning:** Develop a system for handling trip budgets within the application, allowing users to set and track their spending.
4. **Improve User Interface:** Focus on developing the front-end screen specifically for trip creation, ensuring a user-friendly experience for planning trips.
5. **Maintain Developer Resources:** Update the Swagger documentation to reflect any recent changes made to the application's programming interfaces (APIs). This ensures developers using the API have accurate information.

STT	Description	Due Date	Responsibility
1	Reviewing all report for PA-2	08/07/2024	All member
2	Search Logic Refinement	06/07/2024	Le Duy Anh
3	Trip Budget Implementation	06/07/2024	Cao Huu Khuong Duy Huynh Cao Tuan Kiet
4	Create Trip UI Development	08/06/2024	Ly Dinh Minh Man Vo Nguyen Phuong Quynh
5	API Documentation Update (Swagger doc)	07/07/2024	Le Duy Anh Huynh Cao Tuan Kiet