Question 1:

I suggest choosing Agile methodology, because:

* Reliability: Customers make quite clear and complete requirements
* Type of requirements: Clear, pre-defined:

+) Search for destinations and itineraries: Interactive terminal and airport , user can benefit greatly from detailed maps that illustrate how to go to a necessary gate or terminal in real time, Itineraries can also include tourist attrations, dining establishments, museums, and other destinations the user intends to visit.

+) Reminders: Chance of forgetting somethings when trying to remember a ton of travel-related information , Reminders and push notifications about upcoming check-ins and scheduled visits are very helpful , having to check their phones all the time and give them the impression that everything

+) Add destination video, with travel recommendations for better engagement: This will enable trip organizers to draw in more tourists.

+) Store tickets: Travelers store tickets for ease of use in QR code when checkin/ check out.

* User involvement in the situation: not too much, they only care about the functional requirement.
* Team size: a software development professional, Agile method is suitable for professional groups.
* Conclusion: The software development methodology I suggest for this situation is Agile. This is a new project with clear requirements. We are a software development professional in this bussiness. So I think Agile methodology is suitable for this situation.

Question 2:

I suggest 4 funtional requirements :

* Search for destinations and itineraries
* Add destination video, with travel recommendations for better engagement.
* Use in QR code checkin/ check out
* Check phones all the time and give the impression

Question 3:

2 user stories base on the suggestion :

* As a Travelers, I want to use in QR code checkin/ check out . So that, I have more free time in my trip.
* As a Travelers, I want to Search for destinations and itineraries. So that, I can know more everything easy .

Question 5:

A:

No, I don’t want to choose Waterfall Software Development to apply this project. Because, I feel that the Agile model is the most appropriate approach in this situation due to the frequent supply of requirement. Since the requirement system is flexible and subject to change at any time, it is appropriate to deploy the system first rather than deverloping it in stage. The benefit of Agile over waterfall is the ability to change dynamically to the customer’s wants and needs

B:

I suggest functional requirement testing for this project. Because, in this project, the requirements of start-up is clearly, pre-defined, easy to understand. Secondly, Start-up cares much about the functional requirements. A professional team helps testing process is easier.

Question 4:

User story map for user experience:

