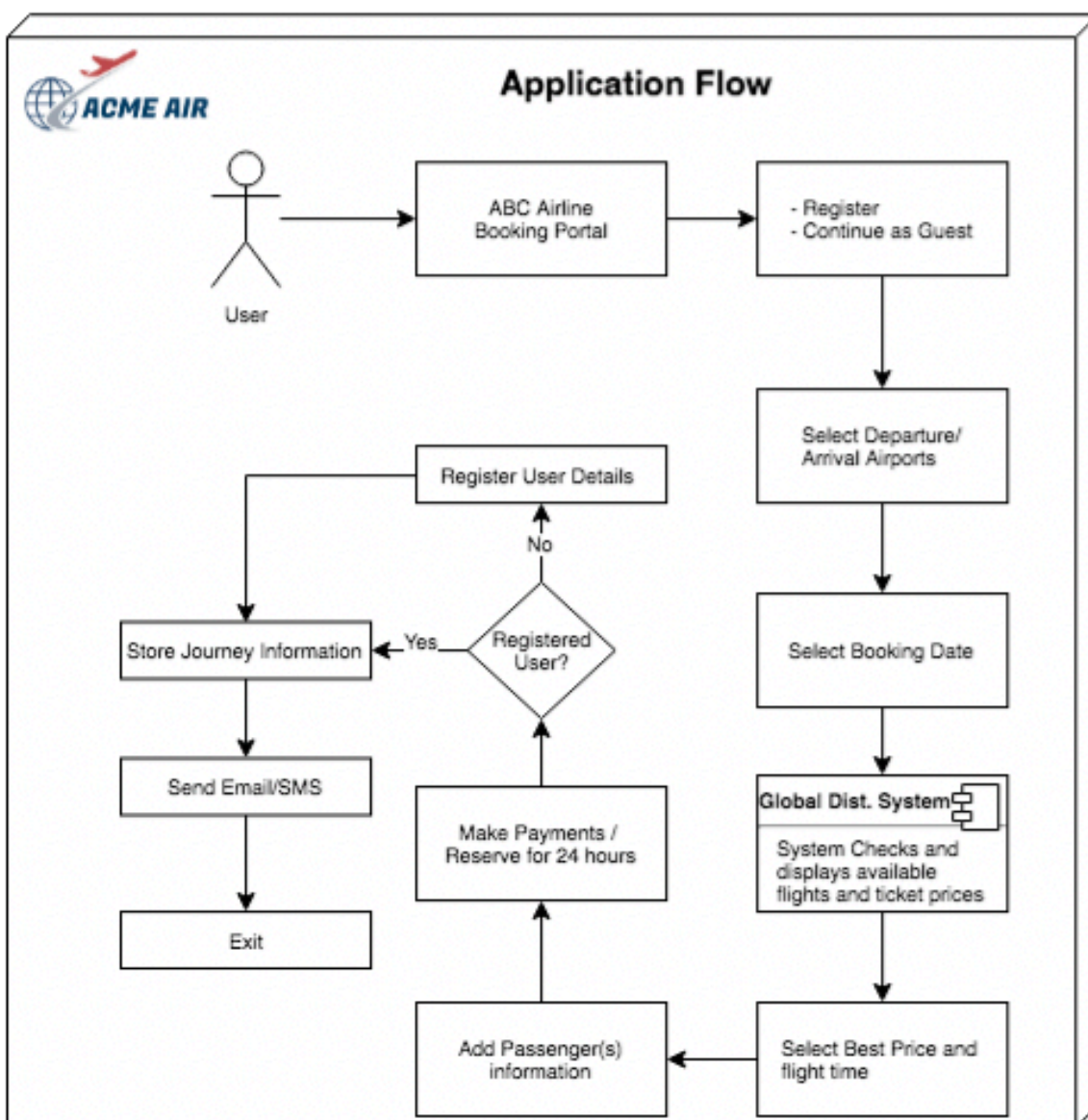


## Task 1 - Case Study

Acme Airlines is planning to launch a new web portal for flight bookings. This portal will be a responsive web application. It will allow users to book domestic and international flights as a guest as well as allow users to register and store user information for ease of booking in future.

This application will require using Galileo Global distribution System to manage bookings. Galileo doesn't provide a Sandbox environment and only have a production environment to work with.

CBA is partnered to act as a payment gateway. Payment service will be integrated along with flight booking system.



## Questions:

### *1 - Acme Airline Basic User Workflow*

Q.1 - Please identify your testing strategy and approach to testing this application in an Agile development environment. Please list down any assumptions and questions you have about the application brief.

Q.2 - Please list down test scenarios you think will cover the majority of application features. Mention any negative, positive and edge cases based on the application details.

Q.3 - Considering this application has a number of third-party API integrations, how would you go about testing the system?

Q.4 - What will be your automating strategy, approach and choice of tools?

## Task2

### Guidelines

Submit your solution by creating a new repository on Github with a readme file that details how to build, Run tests, etc.

Use all coding standards, design patterns, OOPS concepts, etc.

DO NOT use Qantas Name in your GIT Repositories.

Mark the GIT repositories private and invite qatechassessment (Git Handle) to collaborate. Please send the invite link in the email with your case study response.

#### UI Automation

1. Navigate to <https://www.qantas.com>
2. Do a domestic one-way flight search for 1 Adult (Date being 15 days from current date)
3. Assert Subtotal under flight widget is 0 Select any Re e-Deal flight and click ADD to trip and Assert Subtotal value is equal to Red e-deal value
4. Click on continue till Options page, by clicking continue and Accept
5. In options page "Checked baggage and seats" section Additional bag
6. Start Again and restart

Make the test as test scenario for 5 domestic search pair and every time increase the number of Bag

Eg:

1. Sydney - Brisbane Bags -1
2. Bag 2
3. Bag 3
4. Bag 4
5. Bag 5

Use Page object model

Proper Ramp up and Tear down scripts

Test report

Use any appropriate sync function to handle any exceptions