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FlixBus
Use-Case Model

Version 1.0

Revision History

Date	Version	Description	Author
12/03/2019	1.0	Initial Specification	Linca Paul

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Use-Case Model

1.   **Use-Cases Identification**

Use case: Purchase but ticket
Level: user goal
Primary actor: traveler
Main success scenario:

1. The user opens the application
2. The system prompts the user to log in
3. The user writes his credentials
4. The user clicks login
5. The system validates the credentials
6. The system redirects the user the home page
7. The user clicks on "Search bus" button
8. The system opens a search page
9. The user inserts a date
10. The user inserts an origin
11. The user inserts a destination.
12. The user clicks search
13. The system validates the data
14. The system calculates which buses match the given parameters
15. The system shows the list of viable buses.
16. The user selects a bus.
17. The system opens a purchase page.
18. The user inserts additional data (such as payment methods and information).
19. The user presses purchase button
20. The system validates the transaction.
21. The system shows a success message
22. The system redirects the user to the home page

Extensions:

5'. The system finds the credentials invalid
6'. The system returns to the login screen.
9'. The user has no purchases.
20'. The transaction is unsuccessful
21'. The user is presented an error message
21'. The user is redirected to the purchase page

2. UML Use-Case Diagrams