Bug Report Document

AgileWay Travel Application

Project Information

Application Name:	AgileWay Travel
Application URL:	https://travel.agileway.net/login
Testing Date:	23rd January 2026
Tester Name:	Pragati Nangare
Environment:	Windows 11, Chrome Browser

Bug Summary

Bug ID	Module	Title	Severity	Priority	Status
BUG-001	Flight Selection	Flight search proceeds without origin selection	High	P1	Open
BUG-002	Flight Selection	Flight search proceeds without destination selection	High	P1	Open
BUG-003	Flight Selection	Flight search proceeds without departing date	High	P1	Open
BUG-004	Flight Selection	No error shown for identical origin and destination	Medium	P2	Open
BUG-005	Flight Selection	System accepts return date before departure date	High	P1	Open
BUG-006	Passenger Details	First name field accepts numeric characters	Medium	P2	Open
BUG-007	Passenger Details	Last name field accepts numeric characters	Medium	P2	Open
BUG-08	Passenger Details	First name field accepts special characters	Medium	P2	Open
BUG-09	Passenger Details	Last name field accepts special characters	Medium	P2	Open
BUG-010	Payment	Payment proceeds with empty card number	Critical	P1	Open
BUG-011	Payment	Card number accepts non-numeric characters	Critical	P1	Open
BUG-012	Payment	Card number accepts insufficient digits	Critical	P1	Open
BUG-013	Payment	Card number accepts excessive digits	Medium	P2	Open

Detailed Bug Reports

Flight Selection Module

BUG-001: Flight search proceeds without origin selection

Bug ID:	BUG-001
Jira ID:	SCRUM-7
Module:	Flight Selection
Severity:	High
Priority:	P1
Status:	Open

Description

The flight search functionality allows users to proceed with the search without selecting an origin location, which should be a mandatory field.

Steps to Reproduce

1. Navigate to https://travel.agileway.net/login
2. Login with valid credentials (username: agileway, password: test$Wise)
3. Leave the 'From' (Origin) field unselected
4. Select a destination
5. Select departing and returning dates
6. Click 'Continue' button

Expected Result

System should display an error message: 'Please select origin' and prevent the user from proceeding.

Actual Result

System allows the search to proceed without origin selection. No validation error is displayed.

Evidence

- Video: https://drive.google.com/file/d/1NPb6Qev8TC5fxGLbZIIUgdqxCvdQrJUd/view?usp=drive_link

Reproducibility
Always (100%)

BUG-002: Flight search proceeds without destination selection

Bug ID:	BUG-002
Jira ID:	SCRUM-6
Module:	Flight Selection
Severity:	High
Priority:	P1
Status:	Open

Description

The flight search functionality allows users to proceed without selecting a destination, which should be a mandatory field.

Steps to Reproduce

1. Navigate to the flight selection page after login
2. Select an origin location
3. Leave the 'To' (Destination) field unselected
4. Select departing and returning dates
5. Click 'Continue' button

Expected Result

System should display an error message: 'Please select destination' and prevent the user from proceeding.

Actual Result

System allows the search to proceed without destination selection. No validation error is displayed.

Evidence

- Video :
  https://drive.google.com/file/d/13asn5xEYHZZujhv37JaAEtHNwFgmY8XH/view?usp=drive_link

Reproducibility

Always (100%)

BUG-003: Flight search proceeds without departing date

Bug ID:	BUG-003
Jira ID:	SCRUM-14
Module:	Flight Selection
Severity:	High
Priority:	P1
Status:	Open

Description

The system allows flight search to proceed without selecting a departing date, which is a mandatory field for flight bookings.

Steps to Reproduce

1. Navigate to the flight selection page
2. Select origin and destination
3. Leave the 'Departing' date field unselected
4. Select returning date (for return trip)
5. Click 'Continue' button

Expected Result

System should display an error message: 'Please select departing date' and prevent the user from proceeding.

Actual Result

System allows the search to proceed with default departing date i.e present day. No validation error is displayed.

Evidence

- Video :
  https://drive.google.com/file/d/1MuGgZAjZNa1d63C0Xin1qGt-xuJdQ-wQ/view?usp=drive_link

Reproducibility
Always (100%)

BUG-004: No error shown for identical origin and destination

Bug ID:	BUG-004
Jira ID:	SCRUM-4
Module:	Flight Selection
Severity:	Medium
Priority:	P2
Status:	Open

Description

The system allows users to select the same location for both origin and destination, which is not a valid flight search scenario.

Steps to Reproduce

1. Navigate to the flight selection page
2. Select 'Origin' dropdown and choose a location (e.g., 'New York')
3. Select 'Destination' dropdown and choose the same location (e.g., 'New York')
4. Select valid dates
5. Click 'Continue' button

Expected Result

System should display an error message: 'Origin and destination cannot be the same' and prevent the user from proceeding.

Actual Result

System allows identical origin and destination selection. No validation error is displayed.

Evidence

- Video:
  https://drive.google.com/file/d/1xcbimi2oEt2pwNbHbTLjiYFEuSbPleVY/view?usp=drive_link

Reproducibility
Always (100%)

BUG-005: System accepts return date before departure date

Bug ID:	BUG-005
Jira ID:	SCRUM-5
Module:	Flight Selection
Severity:	High
Priority:	P1
Status:	Open

Description

The system allows users to select a returning date that is earlier than the departing date, which violates basic flight booking logic.

Steps to Reproduce

7. Navigate to the flight selection page
8. Select trip type: 'Return'
9. Select origin and destination
10. Select departing date: January 25, 2026
11. Select returning date: January 20, 2026 (earlier than departing)
12. Click 'Continue' button

Expected Result

System should display an error message: 'Return date cannot be before departure date' and prevent the user from proceeding.

Actual Result

System accepts the invalid date combination and allows the search to proceed.

Evidence

- Video :
  https://drive.google.com/file/d/1TQukjbTcyfdq1d4RQqWJCdAzryEIK8_T/view?usp=drive_link

Reproducibility

Always (100%)

Passenger Details Module

BUG-006: First name field accepts numeric characters

Bug ID:	BUG-006
Jira ID:	SCRUM-15
Module:	Passenger Details
Severity:	Medium
Priority:	P2
Status:	Open

Description

The first name input field accepts numeric characters, which should not be allowed in passenger names.

Steps to Reproduce

13. Complete flight selection and navigate to Passenger Details page
14. In the 'First name' field, enter: 'John123'
15. Enter a valid last name
16. Click 'Next' button

Expected Result

System should display an error message: 'First name can only contain letters' and prevent submission.

Actual Result

System accepts numeric characters in the first name field and allows the user to proceed.

Evidence

- **Screenshot:**
  https://drive.google.com/file/d/1zqCNNS497EbeeRSLAteB3YTiwvoCdeti/view?usp=drive_link

Reproducibility

Always (100%)

BUG-007: Last name field accepts numeric characters

Bug ID:	BUG-007
Jira ID:	SCRUM-15
Module:	Passenger Details
Severity:	Medium
Priority:	P2
Status:	Open

Description

The last name input field accepts numeric characters, which should not be allowed in passenger names.

Steps to Reproduce

17. Navigate to Passenger Details page
18. Enter a valid first name
19. In the 'Last name' field, enter: 'Smith789'
20. Click 'Next' button

Expected Result

System should display an error message: 'Last name can only contain letters' and prevent submission.

Actual Result

System accepts numeric characters in the last name field and allows the user to proceed.

Evidence

- **Screenshot:** https://drive.google.com/file/d/1zqCNNS497EbeeRSLAteB3YTiwvoCdeti/view?usp=drive_link

Reproducibility

Always (100%)

BUG-08: First name field accepts special characters

Bug ID:	BUG-008
Jira ID:	SCRUM-16
Module:	Passenger Details
Severity:	Medium
Priority:	P2
Status:	Open

Description

The first name input field accepts special characters such as @, #, $, %, which are not valid in passenger names.

Steps to Reproduce

21. Navigate to Passenger Details page
22. In the 'First name' field, enter: 'John@#$'
23. Enter a valid last name
24. Click 'Next' button

Expected Result

System should display an error message: 'First name cannot contain special characters' and prevent submission.

Actual Result

System accepts special characters in the first name field and allows the user to proceed.

Evidence

- **Screenshot:**
  https://drive.google.com/file/d/1D6MrfYosbJTaJmhfV0czq_cKTJaqAnX7/view?usp=drive_link

Reproducibility

Always (100%)

BUG-09: Last name field accepts special characters

Bug ID:	BUG-009
Jira ID:	SCRUM-16
Module:	Passenger Details
Severity:	Medium
Priority:	P2
Status:	Open

Description

The last name input field accepts special characters such as @, #, $, %, which are not valid in passenger names.

Steps to Reproduce

25. Navigate to Passenger Details page
26. Enter a valid first name
27. In the 'Last name' field, enter: 'Smith!@#'
28. Click 'Next' button

Expected Result

System should display an error message: 'Last name cannot contain special characters' and prevent submission.

Actual Result

System accepts special characters in the last name field and allows the user to proceed.

Evidence

- **Screenshot:** https://drive.google.com/file/d/1D6MrfYosbJTaJmhfV0czq_cKTJaqAnX7/view?usp=drive_link

Reproducibility

Always (100%)

Payment Module

BUG-010: Payment proceeds with empty card number

Bug ID:	BUG-010
Jira ID:	SCRUM-9
Module:	Payment
Severity:	Critical
Priority:	P1
Status:	Open

Description

The payment system allows payment processing without entering a card number, which is a critical security and validation issue.

Steps to Reproduce

29. Navigate to Payment page
30. Select card type (Visa or Master)
31. Enter cardholder name
32. Leave the 'Card number' field empty
33. Select expiry date
34. Click 'Pay now' button

Expected Result

System should display an error message: 'Card number is required' and prevent payment processing.

Actual Result

System allows payment to proceed with empty card number. No validation error is displayed.

Evidence

- **Video:** https://drive.google.com/file/d/1SUETNkOsFQ0WyUiqCT0LxG7F7r-p3DRi/view?usp=drive_link

Reproducibility

Always (100%)

BUG-011: Card number accepts non-numeric characters

Bug ID:	BUG-011
Jira ID:	SCRUM-10
Module:	Payment
Severity:	Critical
Priority:	P1
Status:	Open

Description

The card number field accepts letters and special characters, which should only accept numeric input for valid card numbers.

Steps to Reproduce

35. Navigate to Payment page
36. Select card type
37. Enter cardholder name
38. In 'Card number' field, enter: 'ABCD-1234-EFGH'
39. Select expiry date
40. Click 'Pay now' button

Expected Result

System should display an error message: 'Card number must contain only digits' and prevent payment processing.

Actual Result

System accepts non-numeric characters in card number field and allows payment to proceed.

Evidence

- **Video:**
  https://drive.google.com/file/d/16kYk4JeL3yPqBtFKyUQPgK_IKkGcMM8V/view?usp=drive_link

Reproducibility

Always (100%)

BUG-012: Card number accepts insufficient digits

Bug ID:	BUG-012
Jira ID:	SCRUM-13
Module:	Payment
Severity:	Critical
Priority:	P1
Status:	Open

Description

The card number field accepts card numbers with fewer than the required 16 digits (for Visa/Mastercard), which is invalid.

Steps to Reproduce

41. Navigate to Payment page
42. Select card type: Visa
43. Enter cardholder name
44. In 'Card number' field, enter: '1234' (only 4 digits)
45. Select expiry date
46. Click 'Pay now' button

Expected Result

System should display an error message: 'Card number must be 16 digits' and prevent payment processing.

Actual Result

System accepts insufficient card number digits and allows payment to proceed.

Evidence

- **Video:**
  https://drive.google.com/file/d/1wQ0gbbM0isFMdFXaVCNOFpAydbeBH_8j/view?usp=sharing

Reproducibility

Always (100%)

BUG-013: Card number accepts excessive digits

Bug ID:	BUG-020
Jira ID:	SCRUM-11
Module:	Payment
Severity:	Medium
Priority:	P2
Status:	Open

Description

The card number field accepts card numbers with more than the maximum allowed digits (typically 16-19 digits), which is invalid.

Steps to Reproduce

47. Navigate to Payment page
48. Select card type: Visa
49. Enter cardholder name
50. In 'Card number' field, enter: '12345678901234567890123456' (26 digits)
51. Select expiry date
52. Click 'Pay now' button

Expected Result

System should display an error message: 'Card number exceeds maximum length' and prevent payment processing.

Actual Result

System accepts excessive card number digits and allows payment to proceed.

Evidence

- **Video:** https://drive.google.com/file/d/1seiJMq9TrFXO-407zJ6rm2-u8Kp5Cszm/view?usp=drive_link

Reproducibility

Always (100%)

Bug Statistics

By Severity

Critical:	3 bugs (23%)
High:	4 bugs (31%)
Medium:	6 bugs (46%)
Low:	0 bugs (0%)
Total:	20 bugs

By Module

Flight Selection:	5 bugs (38%)
Passenger Details:	4 bugs (31%)
Payment:	4 bugs (31%)
Total:	20 bugs

By Priority

P1 (Critical):	7 bugs (54%)
P2 (High):	6 bugs (46%)
P3 (Low):	0 bugs (0%)
Total:	20 bugs

Recommendations

- **Immediate Action Required:** Address **BUG-010, BUG-012** immediately, as payment validation failures can lead to financial loss and security vulnerabilities.

- **Input Validation Enhancement:** Implement comprehensive client-side and server-side validation for all form fields to prevent invalid data entry.

- **Flight Selection Logic:** Add mandatory field validation for origin, destination, and dates before allowing users to proceed with flight search.

- **User Experience:** Display clear, user-friendly error messages for all validation failures to guide users in correcting their input.

- **Regression Testing:** Conduct thorough regression testing after implementing fixes to ensure no new issues are introduced.

Key Findings

- The application has significant validation gaps across all major modules (Flight Selection, Passenger Details, and Payment).

- Payment module has the highest number of critical issues (5 bugs) which could lead to fraudulent transactions and security vulnerabilities.

- All mandatory fields lack proper validation, allowing users to submit forms with incomplete or invalid data.

- Flight selection module allows logically invalid date combinations (return before departure) which could cause booking errors.

- No input sanitization is implemented for text fields, accepting special characters and numbers where they shouldn't be allowed.

Appendix

Severity Guidelines

- **Critical:** Application crash, data loss, security issue, payment processing failure
- **High:** Major functionality broken, no workaround, business logic error
- **Medium:** Functionality issue with workaround available, validation errors
- **Low:** Minor UI issue, cosmetic problem, typos

Priority Guidelines

- **P1:** Fix immediately (Critical business impact, security risk)
- **P2:** Fix in current sprint (High business impact)
- **P3:** Fix in future sprint (Low business impact)