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| Acme AirNav Solutions, Inc. |
| **Testing Report** |
| https://github.com/Emilio-115/DP2-Acme-ANS |



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# Executive Summary

TODO

# Revision Table

|  |  |  |
| --- | --- | --- |
| Revision number | Date | Description |
| 1 | 16/05/2025 | Initial version |

# Introduction

TODO

# Content

## Functional testing

The following is a list of the test cases implemented, grouped by feature.

* **Flight assignments** (of a flight crew member)
  + **list-drafts.safe**, **list-drafts.hack**,  
    **list-planned.safe**, **list-planned.hack**,  
    **list-departed.safe**, **list-departed.hack**:  
    These test the list of assignments that are unpublished, of flights that haven’t taken off and of flights that have taken off, respectively. The hacked versions tried to access the list as a user without the right role. They found no bugs.
  + **show.safe**:  
    This tests showing the data. The safe case guarantees you can see the data for all three types of flights with their appropriate options (ej. cancelling and confirming for pending assignments of pending flights, updating and publishing unpublished assignments) (though I guess the existence of the buttons isn’t guaranteed by the test). It found that unavailable members could still see buttons for editing, which would result in an authorization failure.
  + **show.hack**:  
    This tests trying to access the data without the right role and as the wrong user, for all three types of data. It found no bugs.
  + **create.safe**, **update.safe**, **delete.safe**, **publish.safe**, **cancel.safe**, **confirm.safe**:  
    These test that you can create, update, delete, publish, cancel and confirm an assignment, and the necessary validators. They found no bugs.
  + **create.hack**:  
    This tests that you can’t create without having the right role, and that you can’t alter the id or navigation attributes. It found that altering the id wouldn’t necessarily get rejected, which was fixed.
  + **update.hack**, **delete.hack**, **publish.hack**:  
    These tests that you can’t update, delete or publish without having the right role, nor other user’s assignments, nor your published assignments, and that you can’t alter the navigation attributes. They found no bugs.
  + **confirm.hack**, **cancel.hack**:  
    These test that you can’t confirm or cancel without having the right role, nor other user’s assignments, nor your unpublished assignments, nor your assignments of legs that have already departed, and that you can’t alter read-only attributes. They found no bugs.
  + **unavailable-member.hack**:  
    This tests that you can’t create, update, delete, publish, cancel or confirm if you’re not logged in as a member who is available. It found no bugs.
* **Activity logs** (of a flight crew member)
  + **list.safe**, **list.hack**,  
    **list-drafts.safe**, **list-drafts.hack**   
    These test the list of published and unpublished activity logs, respectively. The hacked versions tried to access the list as a user without the right role. Also, it tests that you can filter published activity logs by a published, confirmed assignment of a flight that departed that is yours, and that it fails otherwise. They found that you could try to filter by any flight assignment, and that though it wouldn’t work with invalid ones or ones belonging to other users, it wouldn’t fail. This was fixed
  + **show.safe**:  
    This tests showing the data. The safe case guarantees you can see the data for published and unpublished assignments, and that it would only show options to modify for non-drafts. It found no bugs
  + **show.hack**:  
    This tests trying to access the data without the right role and as the wrong user, for both published and unpublished activity logs. It found no bugs.
  + **create.safe**, **update.safe**, **delete.safe**, **publish.safe**:  
    These test that you can create, update, delete and publish an activity log, and the necessary validators. They found no bugs.
  + **create.hack**:  
    This tests that you can’t create without having the right role, and that you can’t alter the id or navigation attributes. It found that altering the id wouldn’t necessarily get rejected, which was fixed.
  + **update.hack**, **delete.hack**, **publish.hack**:  
    These tests that you can’t update, delete or publish without having the right role, nor other user’s assignments, nor your published assignments, and that you can’t alter the navigation attributes. They found no bugs.

Explicar las faltas de cobertura.

ASDAS

# Conclusions

TODO

# Bibliography

Intentionally blank.