

Standard Comment Feature Business Requirements Document

Revision Date 5/28/2014

Revision Number V.0.2

File Name Business Requirements Document-Mx Rewrite.Docx

Created By Mark Anderson

©2014 Allegiant Air. All rights reserved

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Allegiant Travel Company.

**Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version #** | **Changed By** | **Description** |
| 5/27/2014 | V0.1 | Mark Anderson | Draft - New Document |
| 5/28/2014 | V0.2 | Mark Anderson | Update Draft with UC 4 |
|  |  |  |  |
|  |  |  |  |

Note:

v0.0 – v0.n – Draft

v1.0 – v1.n – Initial Review

v2.0 – v2.n – Business Review

v3.0 – v3.n – Development Ready

**Business Reviewers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |

**PMO Sign-off**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name: | Title: |  | Date: |  |
| Name: | Title: |  | Date: |  |

**Stakeholder Sign-off**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Stakeholder: Jack Fraser | Title: | Director of Program & Publication | Initials |  | Date: |  |
| Stakeholder: Chris Toro | Title: | Director of Quality Control | Initials |  | Date: |  |
| Stakeholder: Mike Dittmeier | Title: | Director of I.T. | Initials |  | Date: |  |
| Stakeholder: Mark Scherer | Title: | SME, Maintenance System Engr | Initials |  | Date: |  |
| Stakeholder: | Title: |  | Initials |  | Date: |  |
| Stakeholder: | Title: |  | Initials |  | Date: |  |
| Stakeholder: | Title: |  | Initials |  | Date: |  |

# Abstract - Standard Comment Feature

**Why?**

A primary goal of the G4+ Maintenance Rewrite is too reduce the many redundant, inefficient communication processes that currently exist within Allegiant Air. In an effort to reduce Allegiant Air's reliance on emails and phone calls to share information, nearly all G4+ applications will contain a Standard Comments feature.

**What?**

The Standard Comment feature allows all users to go to 1 place within a specific application to publish comments, attach files, and view information published by other users. All users will go to the same place, to read the same information, in Real Time. The need to make multiple phone calls, or send multiple emails to get an update is virtually eliminated.

**Who?**

All G4+ Application users

**Table of Contents**

[1 Abstract - Standard Comment Feature 3](#_Toc389075335)

[2 High Level Diagram 5](#_Toc389075336)

[3 Users 5](#_Toc389075337)

[4 User Stories 6](#_Toc389075338)

[5 User Story with supporting Use Cases 7](#_Toc389075339)

[5.1 User Story - U-S 1 Manage Standard Comments 7](#_Toc389075340)

[6 Assess Risks 11](#_Toc389075341)

[7 Glossary 12](#_Toc389075342)

# High Level Diagram

# Users

| Name | Description | Goals: |
| --- | --- | --- |
| User | A User is any person given access through the G4Plus Security module to use defined portions of the G4Plus System. | UC-1-1 UC 1 View Existing Comments and Their Attachments  UC-1-2 UC 2 Add / Reply to a Comment  UC-1-3 UC 3 Attach a File to a Comment  UC-1-4 UC 4 Remove a File Attached to a Comment |

# User Stories

| User Story | Description | Use Cases |
| --- | --- | --- |
| U-S 1 Manage Standard Comments | As a G4+ application user, I want to manage comments, so that I can communicate with other users through the application.  User Acceptance:   * User can view existing comments. * User can view existing attachments. * User can add a comment. * User can reply to an existing comment. * User can cancel a comment prior to publishing. * User can attach a file to a comment. * User can remove a file that he/she attached to a comment. * The system audits the user's ability to remove a file attached to a comment. * The system confirms the user's intent to remove a file attached to a comment. | UC-1-1 UC 1 View Existing Comments and Their Attachments  UC-1-2 UC 2 Add / Reply to a Comment  UC-1-3 UC 3 Attach a File to a Comment  UC-1-4 UC 4 Remove a File Attached to a Comment |

# User Story with supporting Use Cases

## User Story - U-S 1 Manage Standard Comments

As a G4+ application user, I want to manage comments, so that I can communicate with other users through the application.

User Acceptance:

* User can view existing comments.
* User can view existing attachments.
* User can add a comment.
* User can reply to an existing comment.
* User can cancel a comment prior to publishing.
* User can attach a file to a comment.
* User can remove a file that he/she attached to a comment.
* The system audits the user's ability to remove a file attached to a comment.
* The system confirms the user's intent to remove a file attached to a comment.

### UC-1-1 - UC 1 View Existing Comments and Their Attachments

As a user, I want to view existing comments and attachments so that I can review the information posted by other users.

User Acceptance:

* User can view existing comments.
* User can view existing attachments.

| **PRECONDITIONS**  User is logged in to the system using their assigned credentials, and has been granted permission to access the G4+ application. | **Success Guarantee**  User can view existing comments.  User can view existing attachments. |
| --- | --- |

**Main Success Scenario**

1. The user sees a list of all comments published to a topic.
2. The user taps into a previous comment field.
3. The system displays a free text comment box, Add button and Cancel button. See Standard Comment Functional Attributes (REQ-1-1).

**Extensions**

\*.a The user can exit the application at any given time.

1. The user exits the application.

1.a The user sees the number of comments in a thread.

1. Go to Step 2.

1.b The user sees the number of replies to a comment.

1. Go to Step 2.

1.c The user sees a thumbnail image and a filename if a comment contains an attachment.

1. Go to Step 2.

1.d The user can expand the view to see hidden, older comments.

1. Go to Step 2.

2.a The user taps to create a new comment field

1. Go to Step 3.

| Requirement ID | Name | Type |
| --- | --- | --- |
| REQ-1-1 | **Standard Comment Functional Attributes** | Functional |

### UC-1-2 - UC 2 Add / Reply to a Comment

As a user, I want to add a new comment, or reply to an existing comment, so that I can communicate with other users.

User Acceptance:

* User can view existing comments.
* User can view existing attachments.
* User can add a comment.
* User can reply to an existing comment.
* User can cancel a comment prior to publishing.

| **PRECONDITIONS**  User is logged in to the system using their assigned credentials, and has been granted permission to access the G4+ application. | **Success Guarantee**  User can view existing comments.  User can view existing attachments.  User can add a comment.  User can reply to an existing comment.  User can cancel a comment prior to publishing. |
| --- | --- |

**Main Success Scenario**

1. The user can view existing comments and their attachments. See UC 1 View Existing Comments and Their Attachments (UC-1-1).
2. The user adds their comment into the free space.
3. The user selects the Add button.
4. The system displays the comment in the comment thread. See Standard Comment Functional Attributes (REQ-1-1).

**Extensions**

\*.a The user can exit the application at any given time.

1. The user exits the application.

3.a The user selects the Cancel option.

1. The system removes the user comment.

2. Go to Step 1.

| Requirement ID | Name | Type |
| --- | --- | --- |
| REQ-1-1 | **Standard Comment Functional Attributes** | Functional |

### UC-1-3 - UC 3 Attach a File to a Comment

As a user, I want to attach a file to a comment, so that other users can also view the file.

User Acceptance:

* User can view existing comments.
* User can view existing attachments.
* User can add a comment.
* User can reply to an existing comment.
* User can attach a file to a comment.
* User can cancel a comment prior to publishing.

| **PRECONDITIONS**  User is logged in to the system using their assigned credentials, and has been granted permission to access the G4+ application. | **Success Guarantee**  User can view existing comments.  User can view existing attachments.  User can add a comment.  User can reply to an existing comment.  User can attach a file to a comment.  User can cancel a comment prior to publishing. |
| --- | --- |

**Main Success Scenario**

1. The user can view existing comments and their attachments. See UC 1 View Existing Comments and Their Attachments (UC-1-1).
2. The user can add / reply to comments. See UC 2 Add / Reply to a Comment (UC-1-2).
3. The user selects the Attach icon to upload a file to their comment.
4. The system launches the file OS browser that allows the user to select an attachment. See Standard Comment Functional Attributes (REQ-1-1).
5. The user selects a file to attach to their comment.
6. The user selects Add to publish their comment and attachment.
7. The system displays the comment and attachment in the comment thread. Standard Comment Functional Attributes (REQ-1-1).

**Extensions**

\*.a The user can exit the application at any given time.

1. The user exits the application.

6.a The user selects the Cancel option.

1. The system removes the comment and the attachment.

2. Go to Step 1.

| Requirement ID | Name | Type |
| --- | --- | --- |
| REQ-1-1 | **Standard Comment Functional Attributes** | Functional |

### UC-1-4 - UC 4 Remove a File Attached to a Comment

As a user, I want to remove a file that I attached to a comment, so that I can maintain the integrity of the information.

User Acceptance:

* User can view existing comments.
* User can view existing attachments.
* User can remove a file that he/she attached to a comment.
* The system audits the user's ability to remove a file attached to a comment.
* The system confirms the user's intent to remove a file attached to a comment.

| **PRECONDITIONS**  User is logged in to the system using their assigned credentials, and has been granted permission to access the G4+ application. | **Success Guarantee**  User can view existing comments.  User can view existing attachments.  User can remove a file that he/she attached to a comment.  The system audits the user's ability to remove a file attached to a comment.  The system confirms the user's intent to remove a file attached to a comment. |
| --- | --- |

**Main Success Scenario**

1. The user can view existing comments and their attachments. See UC 1 View Existing Comments and Their Attachments (UC-1-1).
2. The user adds a comment. See UC 2 Add / Reply to a Comment (UC-1-2).
3. The user attaches a file to a comment. See UC 3 Attach a File to a Comment (UC-1-3).
4. The user sees that he/she has attached the incorrect file to their current comment.
5. The user sees the option to remove the file attached to their current comment. See File Removal Criteria (REQ-1-2).
6. The system asks the user to confirm the file removal.
7. The user confirms the file removal.
8. The system removes the file from the comment.
9. The user sees the file is removed from the comment.

**Extensions**

\*.a The user can exit the application at any given time.

1. The user exits the application..

5.a The user does not see the option to remove the file attached to their current comment. See File Removal Criteria (REQ-1-2).

1. The user is not able to remove the file attached to their current comment.

2. Go to Step 1.

7.a The user aborts the request to remove the file attached to his/her comment.

1. Go to Step 1.

| Requirement ID | Name | Type |
| --- | --- | --- |
| REQ-1-2 | **File Removal Criteria** | Functional |

### Business Requirements

#### REQ-1-1 Standard Comment Functional Attributes

| **Type** | **Priority** | **Release** | **Status** | **Source** |
| --- | --- | --- | --- | --- |
| Functional | 1 |  | Proposed |  |
| The Standard Comment Box will always contain the following Attributes.   1. Is always visible. 2. Will display the number of current threads (excluding replies). 3. Indicates the number of replies to a comment. 4. Comments are stamped with:   a. Number of comment and total comments  b. First and Last name of User  c. Time and Date stamp  5. Display in reverse chronological order  6. Indicates the state in which a file has been attached to the comment  a. Image will post thumbnail + File name  b. Documents will post Document + File name  c. Video will post Video Icon + File name  7. Replies to comments are displayed in-line directly below the parent comment. Replies are posted in chronological order  8. More comments link reveals older comments in the thread  9. Tapping into the comments field reveals the cursor. Cancel/Add comment controls, and Attachment link  10. Tapping Cancel hides the comment controls. Tapping Add Comment post the comment along with the comment  11. Tapping Attach, launches the file OS browser and allows the User to select an attachment to be posted along with the comment  12. Tapping a published comment reveals the reply field directly below it  13. Reply functionality is essentially the same as commenting except for nomenclature  14. Replies get posted in chronological order underneath the parent comment. | | | | |

#### REQ-1-2 File Removal Criteria

| **Type** | **Priority** | **Release** | **Status** | **Source** |
| --- | --- | --- | --- | --- |
| Functional | 1 |  | Proposed |  |
| The system displays an option to remove a file attached to a comment when the following criteria is met.   1. The user is the person that originally attached the file to the comment, and 2. The total time the file is attached to the comment is less than 5 minutes. | | | | |

# Assess Risks

# Glossary

| Name | Description | Aliases |
| --- | --- | --- |

|  |  |  |
| --- | --- | --- |
| **Date** | This is the date of the creation of the FCD, ERO, EO or EMLA. Format is ww/dd/yy. |  |
| **System** | A combination of inter-related items arranged to perform a specific function. Systems are identified by the first two digits if ATA specification 100 |  |
| **Time** | Any appropriate unit of life measurement such as hours, cycles, distance or landings. |  |
| **Total** | A product of costs |  |