

# Airport Management System Business Requirements Document V1.0

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Release Id: QTAD-BREQ / 1.4.0 / 13-Jul-2016

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## 1.0 Introduction

## 1.1 Purpose of this document

This document is aimed at:

- Providing the necessary inputs to the detailed requirements gathering phase and further on for the SDLC processes.
- This document also serves to establish the traceability between the Business Objectives and the requirements identified in the proposed solution and how they satisfy the stated objectives.
- Provide expectation traceability in terms of the requirements and the user expectation
- Serves as a formal template for documenting the Business Requirements, which also includes statutory and regulatory requirements.

The purpose of this document is to systematically capture requirements for the project and the system to be developed. Functional requirements are captured in this document. It also serves as the input for the project scoping.

## 1.2 Project Overview

## 1.2.1 Objectives

Below are the objectives that shall be fulfilled post the execution of this project:

The Airport Management System system is a system to add the plane information along with pilot details, add the Hangar and add the allotting Hangars to the planes, scheduling of the Hangars availability.

The following are the important modules in the system

- Adding Planes
- Adding Pilots
- · Adding Hangars Details
- Allotting the planes into Hangars.
- Get Hangar Status



#### 1.3 Intended Audience

- All member of the project.
- Delivery Assurance Group.

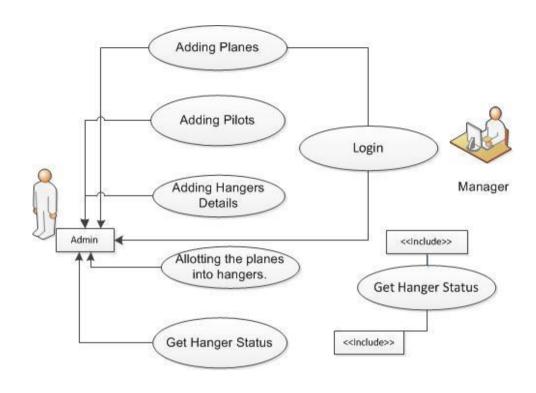
## 2.0 Process Architecture

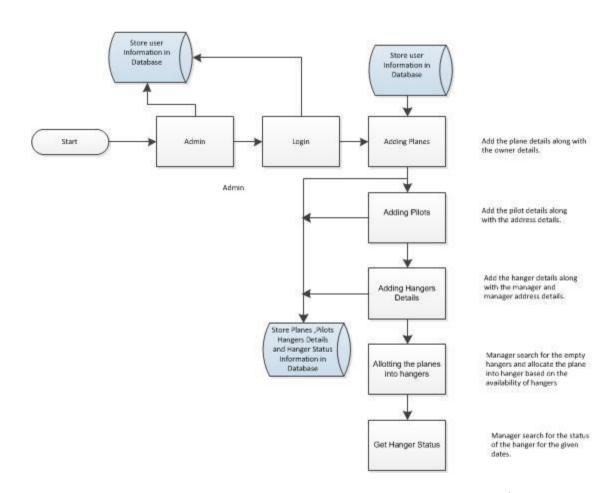
Below is the overall functional flow of the project including the components of interaction

- Create Admin Registration page & Authentication.
- Create Manager Registration page & Authentication.
- Add plane details.
- Add pilot details.
- Add Hangar details.
- Allot planes to the Hangars.
- Update Hangar status.
- View Hangar status.
- Disconnect on log off.



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# 3.0 High Level Business Requirements

Note - Primary focus is to complete developing the critical requirements (highlighted in Yellow) and then to proceed with the remaining requirements.

S.No.	Business	Short	Description in detail	Interacting
	Requirement ID	Description		Business
	•	•		Processes
1	Req_1	Initial Selection	Ability of the system to	
			allow to Supplier to	
			choose Admin / Manager /	
			pilot Login/Registration	
2	Req_2	Manager Danistration	Ability of the system to	
		Registration	procure the fundamental details of the Manager	
3	Req_3	Manager	Ability of the system to	
3	Neq_3	Authentication	authenticate the Manager	
		radionioadon	credentials of the	
			registered Manager.	
4	Req_4	Admin Registration	Ability of the system to	
_		*	procure the fundamental	
			details of the Admin.	
<mark>5</mark>	Req_5	Admin	Ability of the system to	
		Authentication	authenticate the	
			credentials of the	
6	Dog 6	Pilot Registration	registered Admin. Ability of the system to	
<mark>6</mark>	Req_6	Filot Registration	procure the fundamental	
			details of the Pilot.	
7	Req_7	Pilot Authentication	Ability of the system to	
•	1104_1	i not i tationi toation	authenticate the	
			credentials of the	
			registered Pilot.	
8	Req_8	View registration	Ability of the system to	
		request	allow Admin to view the	
	<b>D</b> 0		registration request	
9	Req_9	Approve / Deny manager / pilot	Ability of the system to allow admin to approve or	
		registration	deny the registration	
		registration	request.	
10	Req_10	Admin registration	Ability of the system to	
		approval approval	allow Super user to	
			approve Admin	
			registration	
<mark>11</mark>	Req_11	Add planes /	Ability of the system to	
40	D 40	update planes	add/ update plane details.	
<mark>12</mark>	Req_12	Update Flight Plan	Ability of the system to	
			allow Pilot to update the flight plan.	
13	Req_13	Update Pre-flight	Ability of the system to	
'	1.04_10	mode	gather information	
			necessary to enter flight	
			mode.	
14	Req_14	Update Post-flight	Ability of the system to	
	·= · ·	mode	gather information during	
			flight mode. It should	
			display the information	
45		Hadata December	regarding future flights.	
15	Req_15	Update Resources	Ability of the system to	
			update the Waypoints, maps, and routes.	
L			maps, and routes.	

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16	Req_16	Target Generation Facility	Ability of the system to provide information about current flights or registered flight plans.
<mark>17</mark>	Req_17	Add pilots work schedule	Ability of the system to add pilot's work schedule details.
<mark>18</mark>	Req_18	View schedule	Ability of the system to allow Pilot to view the schedule
19	Req_19	Request rescheduling	Ability of the system to allow pilot to reschedule his work time.
20	Req_20	View / approve rescheduling request	Ability of the system to allow admin to view and approve the rescheduling request.
21	Req_21	Update schedule	Ability of the system to update pilot's work schedule details.
<mark>22</mark>	Req_22	Add Hangars	Ability of the system to add Hangar details.
23	Req_23	Allotting planes to the Hangar	Ability of the system to allot planes to Hangar.
<mark>24</mark>	Req_24	Update Hangar status	Ability of the system to update the Hangar details.
25	Req_25	View Hangar Status	Ability of the system to allow admin / pilot to view the Hangar details.
26	Req_26	Generate Report	Ability of the system to allow Admin to generate report on Pilot schedule, Hanger allotment, Plane details.
27	Req_27	Other validations	Ability of the system to allow add on validations like Forget User ID, Forget Password
28	Req_28	Help	Page to assist the users to report technical issues
29	Req_29	Manager / Admin logoff	Ability of the system to enable Manager / Admin to logoff

# 4.0 Detailed Business Requirements

## 4.1 Functional Requirements

The Requirements in this document are prioritized as follows:

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The
		project will not be possible without this requirement.
2	High	This requirement is high priority, but the project can be
		implemented at a bare minimum without this requirement.

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3	Medium	This requirement is somewhat important, as it provides some
		value but the project can proceed without it.
4	Low	This is a low priority requirement or a "nice to have" feature, if
		time and cost allow it.
5	Future	This requirement is out of scope for this project, and has been
		included here for a possible future release.

Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Туре	**	***	BR Traced to Business	Stakeholders
			*			Requirement / Use case ID	
Req_ 1.1	Initial selection	Screen should display the option for Admin login / Registration and Manager login / Registration and Pilot login / Registration	UI	Critical	NA	Req_1	
Req_ 2.1	Manager Registration	When the Manager clicks on the registration link, it should re- direct to registration form.	UI	Critical	NA	Req_2	
Req_ 2.2	Manager Registration	Manager needs to fill some of the basic attributes/fields as mentioned below in requirement: First Name, Last Name, Age, Gender, Contact Number, Manager Id, Password	UI	Critical	NA	Req_2	Please refer to Table 1.0 under References
Req_ 2.3	Manager Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_2	
Req_ 2.4	Manager Registration	Manager failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Req_2	
Req_ 2.5	Manager Registration	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_2	

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Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type *	**	***	BR Traced to Business Requirement / Use case ID	Stakeholders
Req_ 2.6	Manager Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	E	Medium	NA	Req_2	
Req_ 2.7	Manager Registration	Admin should be able to view the New Managers for	F		NA	Req_2	
Req_ 2.8	Manager Registration	registration  Admin should approve / reject the Manager Request.	F	Critical  Critical	NA	Req_2	
Req_ 2.9	Manager Registration	If rejected, the Manager should not be allowed to login with the registered credentials	F	Critical	NA	Req_2	
Req_ 2.10	Manager Registration	Manager should get SMS on Approval / Rejection	Е	Medium	NA	Req_2	
Req_ 3.1	Credential Authentication	A registered Manager – is able click 'Login' link, after keying in 'Manager ID' & 'Password' field and get his credentials authenticated with the existing database entry.	F	Critical	NA	Req_3	
Req_ 4.1	Admin Registration	When the Admin clicks on the registration link, it should re-direct to registration form.	UI	Critical	NA	Req_4	
Req_ 4.2	Admin Registration	Admin needs to fill some of the basic attributes/fields as mentioned below in requirement: First Name, Last Name, Age, Gender, Contact Number, Admin Id, Password	UI	Critical	NA	Req_4	Please refer to Table 2.0 under References
Req_ 4.3	Admin Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_4	



Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type	**	***	BR Traced to Business	Stakeholders
Req_ 4.4	Admin Registration	Admin failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Requirement / Use case ID  Req_4	
Req_ 4.5	Admin Registration	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_4	
Req_ 4.6	Admin Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	Е	Medium	NA	Req_4	
Req_ 5.1	Credential Authentication	A registered user – is able click 'Login' link, after keying in 'Admin ID' & 'Password' field and get his credentials authenticated with the existing database entry.	F	Critical	NA	Req_5	
Req_ 6.1	Pilot Registration	When the Pilot clicks on the registration link, it should re-direct to registration form.	UI	Critical	NA	Req_6	
Req_ 6.2	Pilot Registration	Pilot needs to fill some of the basic attributes/fields as mentioned below in requirement: First Name, Last Name, Age, Gender, Contact Number, Pilot Id, Password	UI	Critical	NA	Req_6	
Req_ 6.3	Pilot Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_6	



Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type *	**	***	BR Traced to Business Requirement / Use case ID	Stakeholders
Req_ 6.4	Pilot Registration	Pilot failing to provide	E		NA	Req_6	
		information on the mandatory fields be provided with					
		an alert message  – 'Please update					
		the highlighted mandatory					
		field(s).' Also, highlight the missed out field in					
Req_	Pilot Registration	red Post-successful	F	Medium	NA	Req_6	
6.5	Filot Registration	field level validation, save the information in	, r		INA	Keq_0	
		the database		Critical			
Req_ 6.6	Pilot Registration	Upon saving the information in the database, display the message	E		NA	Req_6	
		'Your details are submitted					
Req_	Pilot Registration	successfully'.  Admin should be	F	Medium	NA	Req_6	
6.7	1 not registration	able to view the New Pilots for registration	'	Critical	INA	r.eq_0	
Req_	Pilot Registration	Admin should	F	Cillical	NA	Req_6	
6.8		approve / reject the Pilot Request.		Critical		·	
Req_ 6.9	Pilot Registration	If rejected, the Pilot should not be allowed to login with the registered	F		NA	Req_6	
Req_	Pilot Registration	credentials Pilot should get	Е	Critical	NA	Req_6	
6.10	Filot Registration	SMS on Approval / Rejection		Medium		Keq_0	
Req_ 7.1	Credential Authentication	A registered Pilot  – is able click	F		NA	Req_7	
		'Login' link, after keying in 'Pilot ID' & 'Password' field					
		and get his credentials					
		authenticated with the existing database entry.		Critical			
Req_	View registration	Admin should be	F		NA	Req_8	
8.1	request	able to view the registration request awaiting					
		approval		Critical			
Req_ 9.1	Approve / Deny Manager / Pilot	Admin should be	F		NA	Req_9	
y. I	registration	able to approve or deny the registration					
		request.		Critical			



Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type	**	***	BR Traced to Business Requirement / Use case ID	Stakeholders
Req_ 9.2	Approve / Deny Manager / Pilot registration	Upon approval, Manager / Pilot should be able to log in successfully.	F	Critical	NA	Req_9	
Req_ 9.3	Approve / Deny Manager / Pilot registration	Upon denial, message should be display when they try to log in.	F	Critical	NA	Req_9	
Req_ 10.1	Admin registration approval	Super user should be able to approve Admin registration	F	Critical	NA	Req_10	
Req_ 11.1	Add planes / update planes	On clicking "Add Planes", it should redirect to the page to add Plane.	UI	Critical	NA	Req_11	
Req_ 11.2	Add planes / update planes	Admin should be able to update the mandatory fields of the Planes	F	Critical	NA	Req_11	Please refer to Table 3.0 under References
Req_ 11.3	Add planes / update planes	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_11	
Req_ 11.4	Add planes / update planes	Admin failing to provide information on the mandatory fields be provided with an alert message — 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	F	Critical	NA	Req_11	
Req_ 11.5	Add planes / update planes	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_11	
Req_ 11.6	Add planes / update planes	Upon saving the information in the database, display the message 'Your details are submitted	F		NA	Req_11	
Req_ 11.7	Add planes / update planes	successfully'.  Admin should be able to view the list of planes by clicking "View Planes" link.	F	Critical  Critical	NA	Req_11	
Req_ 11.8	Add planes / update planes	On clicking the Plane ID, the system should display the details of the planes.	F	Critical	NA	Req_11	

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Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type	**	***	BR Traced to Business	Stakeholders
	J		*			Requirement / Use case ID	
Req_ 11.9	Add planes / update planes	Admin should be able to update the details of the plan on clicking "Update details" button	F	Critical	NA	Req_11	
Req_ 11.10	Add planes / update planes	On clicking "Save" button, the updated details should be saved to the database. Upon saving the information in the database, display the message 'Your details are submitted successfully'.	F	Critical	NA	Req_11	
Req_ 12.1	Update Flight Plan	Pilot on clicking Update Flight Plan should be redirected to the Flight Plan update page.	F	Critical	NA	Req_12	
Req_ 12.2	Update Flight Plan	Pilot should update mandatory fields - departure location, waypoints, estimated time of arrival, destination location, alternate airports, aircraft information, and the pilot's information.	UI	Critical	NA	Req_12	
Req_ 12.3	Update Flight Plan	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_12	
Req_ 12.4	Update Flight Plan	Pilot failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	F	Critical	NA	Req_12	
Req_ 12.5	Update Flight Plan	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_12	



Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type	**	***	BR Traced to Business	Stakeholders
"	outogonization	rtoquii omoni	*			Requirement / Use case ID	Otanonoidoro
Req_ 12.6	Update Flight Plan	Upon saving the information in the database, display the message 'Your details are submitted	F		NA	Req_12	
		successfully'.		Critical			
Req_ 13.1	Update Pre-flight mode	Pilot should be able to gather information necessary to enter flight mode.	F	Critical	NA	Req_13	
Req _14. 1	Update Post-flight mode	Pilot should be able to gather information during flight mode. It should display the information regarding future flights.	F	Critical	NA	Req_14	
Req _15. 1	Update Resources	Admin should be able to update the Resource details which is required for the pilot. Admin should be able to update the Waypoints, maps, and routes.	F	Critical	NA	Req_15	
Req _15. 2	Update Resources	Waypoint - A stopping point that is along a route in which a set of coordinates identify a point.	F	Critical	NA	Req_15	
Req _15. 3	Update Resources	Route - Collection of waypoints with a departure and a destination airport.	F	Critical	NA	Req_15	
Req _16. 1	Target Generation Facility	Pilot should be able to get information about current flights or registered flight plans.	F	Critical	NA	Req_16	
Req _17. 1	Add pilots work schedule	Admin should be able to add pilot's work schedule details.	F	Critical	NA	Req_17	
Req _18. 1	View schedule	Pilot on clicking view the schedule should redirect to the Pilot schedule page	F	Critical	NA	Req_18	

Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type *	**	***	BR Traced to Business Requirement / Use case ID	Stakeholders
Req _18. 2	View schedule	The page should display the Pilots schedule. Pilot	F		NA	Req_18	
-		should have the option to view that days schedule, Weekly schedule and the schedule for the month.		Critical			
Req _19. 1	Request rescheduling	Pilot should be able to raise a request for rescheduling the work schedule if required.	F	Critical	NA	Req_19	
Req _20. 1	View / approve rescheduling request	Admin should be able to view the reschedule request from the pilot.	F	Critical	NA	Req_20	
Req _20. 2	View / approve rescheduling request	On clicking each request ID, it should display the details.	F	Critical	NA	Req_20	
Req _20. 3	View / approve rescheduling request	Admin should be able to approve / deny the request.	F	Critical	NA	Req_20	
Req _21. 1	Update schedule	Upon approval, Admin should be able to update pilot's work schedule details.	F	Critical	NA	Req_21	
Req_ 22.1	Add Hangars / update Hangars	On clicking "Add Hangars", it should redirect to the page to add Plane.	UI	Critical	NA	Req_22	Please refer to Table 5.0 under References
Req_ 22.2	Add Hangars / update Hangars	Admin should be able to update the mandatory fields of the Hangars	F	Critical	NA	Req_22	
Req _22. 3	Add Hangars / update Hangars	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_22	
Req _22. 4	Add Hangars / update Hangars	Admin failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in	F	United	NA	Req_22	



Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type *	**	***	BR Traced to Business Requirement / Use case ID	Stakeholders
Req _22. 5	Add Hangars / update Hangars	Post-successful field level validation, save the information in the database	F	Critical	NA	Req_22	
Req _22. 6	Add Hangars / update Hangars	Upon saving the information in the database, display the message 'Your details are submitted successfully'.	F	Critical	NA	Req_22	
Req _22. 7	Add Hangars / update Hangars	Admin should be able to view the list of Hangars by clicking "View Hangars" link.	F	Critical	NA	Req_22	
Req _22. 8	Add Hangars / update Hangars	On clicking the Plane ID, the system should display the details of the Hangars.	F	Critical	NA	Req_22	
Req_ 22.9	Add Hangars / update Hangars	Admin should be able to update the details of the plan on clicking "Update details" button	F	Critical	NA	Req_22	
Req_ 22.10	Add Hangars / update Hangars	On clicking "Save" button, the updated details should be saved to the database. Upon saving the information in the database, display the message 'Your details are submitted successfully'.	F	Critical	NA	Req_22	
Req_ 23.1	Allotting planes to the Hangar	When Manager clicks Allot Hangar, the system should display the list of Hangars available and the list of planes waiting for hanger	F	Critical	NA	Req_23	
Req_ 23.2	Allotting planes to the Hangar	Manager should have the option to select the available hangar and allot it for a plane	F	Critical	NA	Req_23	Please refer to Table 6.0 under References
Req_ 24.1	Update Hangar status	After allotting Manager should update the status as Available / Allotted	UI	Critical	NA	Req_24	

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Req.	Rationale	Business	Req.	Priority	Originator		Impacted
#	Categorization	Requirement	Type	**	***	BR Traced to Business	Stakeholders
	\ \( \frac{1}{2} \)	N4	*		N10	Requirement / Use case ID	
Req_ 25.1	View Hangar Status	Manager on clicking "View	UI		NA	Req_25	
20.1	Otatus	Hangar Status",					
		the page should					
		display the list of					
		all Hangars with					
D		status		Critical	NIA	D 00	
Req_ 26.1	Generate Report	Admin on clicking Reports should	F		NA	Req_26	
20.1		redirect to the					
		reporting page.		Medium			
Req_	Generate Report	It should display	F		NA	Req_26	
26.2	Contrato Report	drop down Pilot					
		schedule, Hanger					
		allotment, Plane		NA - diam-			
Pog		details. On selecting Pilot	F	Medium	NA	Req_26	
Req_ 26.3	Generate Report	schedule, it should	Г		INA	Keq_20	
20.0		display the Pilots					
		work schedule.		Medium			
Req_	Generate Report	On clicking	F		NA	Req_26	
26.4		Hanger allotment,					
		should display all					
		the available					
		Hangers and the allotment details		Medium			
Req_	Canarata Danart	On clicking Plane	F	Wediam	NA	Req_26	
26.5	Generate Report	details., should			1.0.	1.04_20	
		display all the					
		available Planes					
-	Other Physics	and the details		Medium	210	D	
Req_ 27.1	Other validations	During registration,	UI		NA	Req_27	
21.1		System should					
		pop up three					
		secret questions					
		for Password					
		recovery.		Medium			
Req_ 27.2	Other validations	When the user	UI		NA	Req_27	
21.2		clicks Forgot User ID, system should					
		ask for the secret					
		questions. On					
		answering the					
		questions					
		correctly, the User					
		ID should be displayed.		Medium			
Req_	Other validations	When the user	UI	IVICUIUIII	NA	Req_27	
27.3	Cirioi vandations	clicks Forgot	51		""	1.09_27	
		Password, system					
		should ask for the					
		User ID and					
		secret questions.					
		On answering the questions					
		correctly, the					
		password reset					
		page should be					
		displayed.		Medium			



Req. #	Rationale Categorization	Business Requirement	Req. Type	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Impacted Stakeholders
Req_ 27.4	Other validations	On entering the details in the password reset page, password should be validated	F	Medium	NA	Req_27	
Req_ 27.5	Other validations	On clicking Submit, the details should be saved to the Database	F	Medium	NA	Req_27	
Req_ 28.1	Help	Portal to display a form that allows user to report the technical issues through Email: Issue Description Send Button	F	Low	NA	Req_28	
Req_ 28.2	Help	Portal to display the Contact number to report issues	F	Low	NA	Req_28	
Req_ 29.1	Manager / Admin / Pilot Log off	Option to log off from the system.	UI	Critical	NA	Req_29	

## 5.0 References

Note: Table details can be altered as required. Additional tables can be added if needed

## 5.1 Table 1.0

#### Manager

Field Name	Field Type	Data Type	Mandatory	Possible Values
Manager ID	Text(10)	Alphabetic	Yes	System Generated
First Name	Text(50)	Alphabetic	Yes	
Last Name	Text(50)	Alphabetic	Yes	
Age	Numeric(2)	Numeric	Yes	
Gender	Drop Down	NA		Male, Female
DoB	Text(10)	Alphanumeric	No	
Contact Number	Text(10)	Numeric	Yes	
Alt Contact Number	Text(10)	Numeric	No	
Email ID	Text(50)	Alphanumeric	No	
Password	Text(15)	Alphanumeric	Yes	

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#### 5.2 Table 2.0

#### Admin

Field Name	Field Type	Data Type	Mandatory	Possible Values
Admin ID	Text(10)	Alphabetic	Yes	System
				Generated
First Name	Text(50)	Alphabetic	Yes	
Last Name	Text(50)	Alphabetic	Yes	
Age	Numeric(2)	Numeric	Yes	
Gender	Drop Down	NA		Male,
				Female
DoB	Text(10)	Alphanumeric	Yes	
Contact	Text(10)	Numeric	Yes	
Number				
Alt Contact	Text(10)	Numeric	No	
Number				
Email ID	Text(50)	Alphanumeric	Yes	

## 5.3 Table 3.0

#### **Planes**

Field Name	Field Type	Data Type	Mandatory	Possible Values
Plane ID	Auto- generated(8)	Numeric	Yes	Non- editable system generated
Owner ID	Numeric(10)	Numeric	Yes	System generated
Owner first Name	Text(100)	Alphabetic	Yes	
Owner Last name	Text(100)	Alphabetic	Yes	
Owner Contact number	Numeric (10)	Numeric	Yes	
Owner Email	Text (50)	Alphanumeric	Yes	
Plane Type	Text (10)	Alphanumeric	Yes	
Plane capacity	Numeric(3)	Numeric	Yes	

## 5.4 Table 4.0

#### **Pilot**

Field Name	Field Type	Data Type	Mandatory	Possible Values
Pilot ID	Auto- generated(8)	Numeric	Yes	

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License Number	Text(100)	Alphabetic	Yes	
Address Line 1	Text(100)	Alphanumeric	Yes	
Address Line 2	Text(100)	Alphabetic	Yes	
City	Text(50)	Alphabetic	Yes	
State	Text(50)	Alphabetic	Yes	
Zip Code	Text(10)	Numeric	Yes	
SSN	Numeric(9)	Numeric	Yes	

## 5.5 Table 5.0

## Hangar

Field Name	Field Type	Data Type	Mandatory	Possible Values
Hangar ID	Auto- generated(8)	Numeric	Yes	
Manager ID	Text(100)	Alphabetic	Yes	
Manager Address Line 1	Text(100)	Alphanumeric	Yes	
Manager Address Line 2	Text(100)	Alphanumeric	No	
City	Text(50)	Alphabetic	Yes	
State	Text(50)	Alphabetic	Yes	
Zip Code	Text(10)	Numeric	Yes	

## 5.6 Table 6.0

#### Hangar status

Field Name	Field Type	Data Type	Mandatory	Possible Values
Hangar ID	Auto- generated(8)	Numeric	Yes	
Manager ID	Text(100)	Alphabetic	Yes	
Status	Text(1)	Alphabetic	Yes	A - Available O - Occupied
Occupancy From date	Text(10)	Alphanumeric	No	
Occupancy till date	Text(10)	Alphanumeric	No	
Available from date	Text(10)	Alphanumeric	No	
Available till date	Text(10)	Alphanumeric	No	

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#### 5.7 Table 7.0

#### **Feedback**

Field Name	Field Type	Data Type	Mandatory	Possible Values
Assessment id	number	numeric	Yes	
Question 1	Text(200)	Alphabetic	Yes	
Question 2	Text(200)	Alphabetic	Yes	
Question 3	Text(200)	Alphabetic	Yes	
Question 4	Text(200)	Alphabetic	Yes	
Question 5	Text(200)	Alphabetic	Yes	
Question 6	Text(200)	Alphabetic	Yes	
Question 7	Text(200)	Alphabetic	Yes	
Question 8	Text(200)	Alphabetic	Yes	
Question 9	Text(200)	Alphabetic	Yes	
Question 10	Text(200)	Alphabetic	Yes	

#### 5.8 Table 8.0

#### **User Feedback**

Field Name	Field Type	Data Type	Mandatory	Possible Values
User ID	Text(10)	Alphanumeric	Yes	
Assessment id	number	numeric	Yes	
Rating Que 1	Text(200)	Alphabetic	Yes	
Rating Que 2	Text(200)	Alphabetic	Yes	
Rating Que 3	Text(200)	Alphabetic	Yes	
Rating Que 4	Text(200)	Alphabetic	Yes	
Rating Que 5	Text(200)	Alphabetic	Yes	
Rating Que 6	Text(200)	Alphabetic	Yes	
Rating Que 7	Text(200)	Alphabetic	Yes	
Rating Que 8	Text(200)	Alphabetic	Yes	
Rating Que 9	Text(200)	Alphabetic	Yes	
Rating Que 10	Text(200)	Alphabetic	Yes	
Assessment date	Date	Date	Yes	

## 6.0 Terms & Conditions

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## 7.0 Change Log

Version Number	Changes Made					
V1.0.0	Initial baseline created on 7/02/2019 by Manonmani Guruswamy					
Vx.y.z	<please are="" be="" below="" change="" changes="" configuration="" control="" details="" followed="" form="" given="" if="" item="" maintained="" needs="" not,="" of="" refer="" separately.="" status="" template="" the="" to="" tool=""></please>					
	Section No.	Changed By	Effective Date	Changes Effected		