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MyFitnessPal App Test Plan



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Document Control

Version	Date	Comments
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1. Introduction

This document purpose to assure main features functionality as it will be our first step in our quality assurance process.

Making below test cases pass will provide a clear indicator for our high quality, in agile methodology to ensure that the project satisfies the main standards for the client side and to provide a way to determine how the testing process is going to take place in this project.

1.1 Test Plane Scope	
In Scope	Out of Scope
<ul style="list-style-type: none"> - In this version of test plan doc we aim to meet our simple functionalities (Negative testing is included) - All content of the onboarding and validate user data entries content - Validate Privacy & Policy link in onboarding screens - Validate Terms link in onboarding screens - Examine Reminders functionality - Change password feature, and also password validation 	Tricky scenarios and Localization intensive testing

2. Plan context

2.1) Project

MyFitnessPal app consists of the following Main functions:

1-Registration and login

2-Home

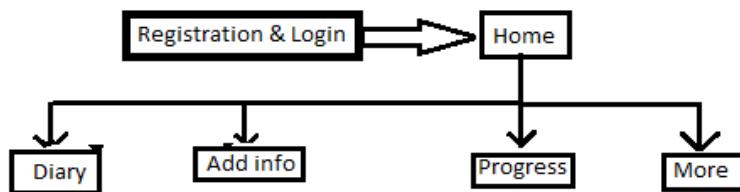
3-Diary

4-Add info

5-Progress

6-More

The architecture of our app is shown in the following Figure.



2.2) Test items

- Visual of app
- Context of app
- functionality of app

2.3) Test scope

- All content of the onboarding and validate user data entries content
- Validate Privacy & Policy link in onboarding screens
- Validate Terms link in onboarding screens
- Examine Reminders functionality
- Change password feature, and also password validation

This test plan covers IOS version in App store only for this app that's mean that other versions like web and android are not explicitly

Non-functional quality factors like performance, security, Safety, and usability will not be tested in this test project because these tests need more time, tools, and also clearing it in recruitment document

Other features like Home tab, Diary tab, Add info tab, Progress tab, More tab will not be tested, except indirectly when these features used to serve tested features I mentioned in scope of our plan

2.4) Assumptions

-IOS device

2.5) Stake holders

Testing Team

3. Testing communication

Private Email

4. Risk

The following abbreviations are used in the risk table: P = probability or likelihood of the risk, I= impact or effect if risk happen, E=probability * impact

The scale for both probability and impact will be 1-6 where 6 is highest

4.1) Product Risk

Risk id	P	I	E	Action
1 Wrong goal weight calibration plan for each day	4	6	24	Calculation code review and checking actual result against expected
2 Set reminders for each meal or any activity	6	6	23	Code inspection

4.2) Project Risk

D= Development

T= Test

Risk id	Consequences	Preventions	Action
1 Host server Shutdown	If host server shutdown app will be out of service	D: investigate why server shutdown and prepare another solution as soon as possible T: None	D: study if they can re-open server again or change host data to another server T: None
2 Presence of blocking faults	Postpone some parts of the test it might be difficult to the schedule	D: Take care of through module and integration test T: None	D: correct faults T: None

5. Test strategy

5.1) Test deliverables

The test deliverables for the entire system test are:

- This present plan in an up-to-date version at the time of delivery
- A test bug report
- UAT

The test deliverables for each executed test procedure:

- An updated version of the test specification or list of known defects in the test specification
- Incident bug report

5.2) Test design techniques

The following test case design techniques are to be used where they are relevant:

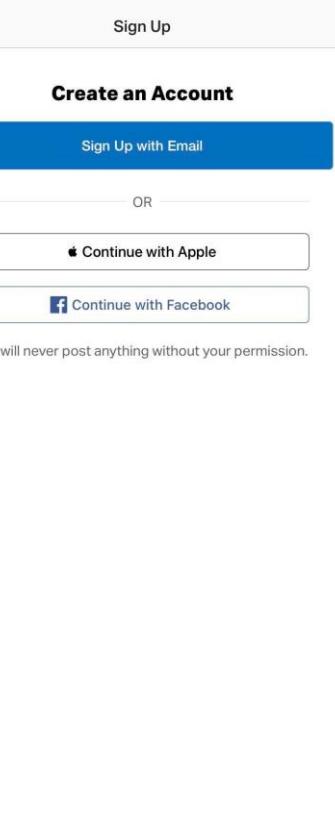
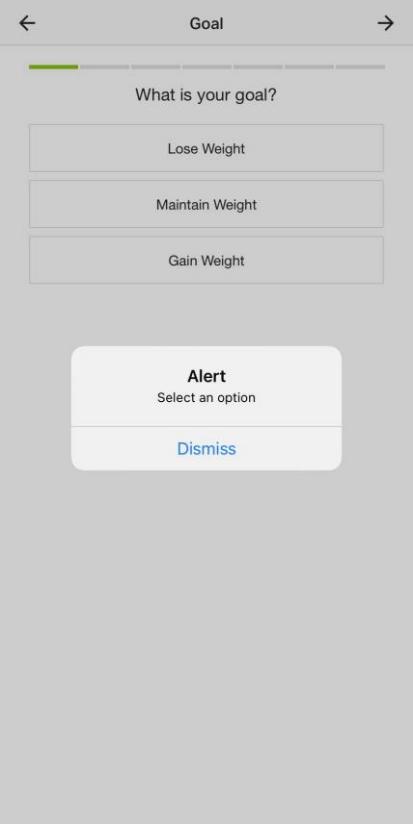
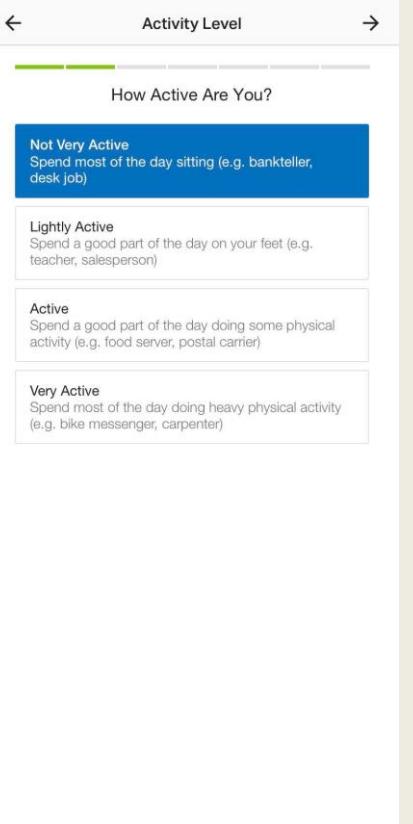
- Classification tree method
- State transition testing
- Use case testing
- Smoke testing
- Exploratory Testing

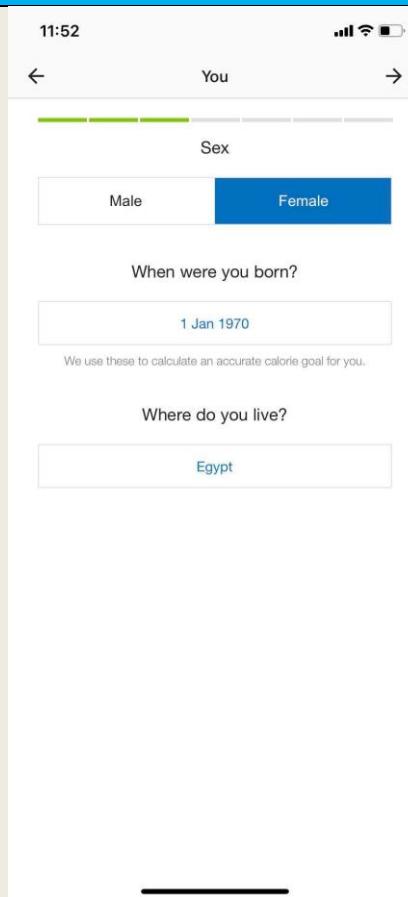
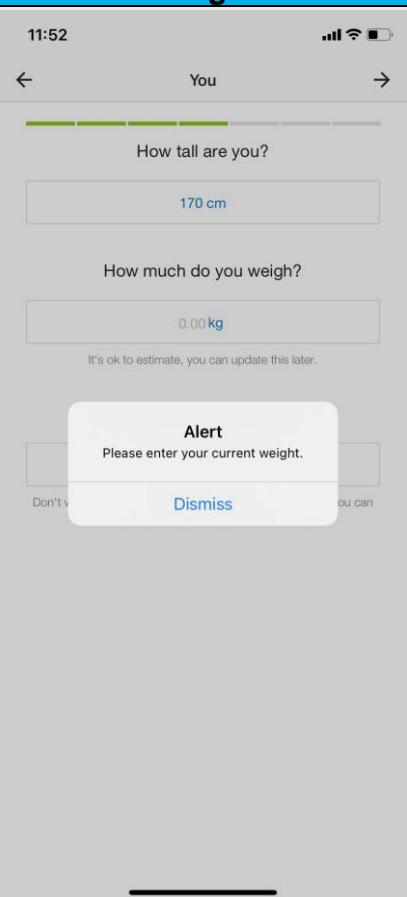
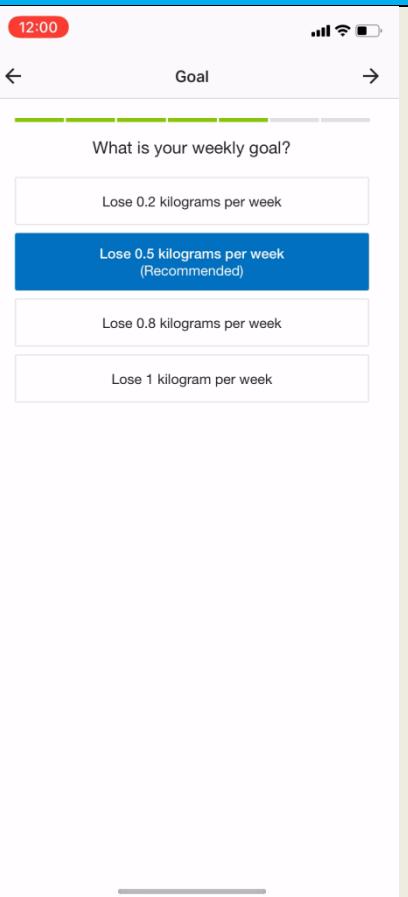
5.3) Test completion criteria

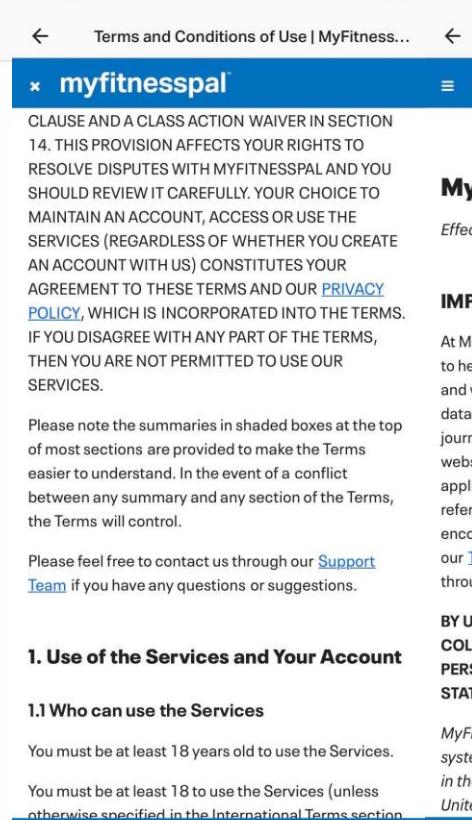
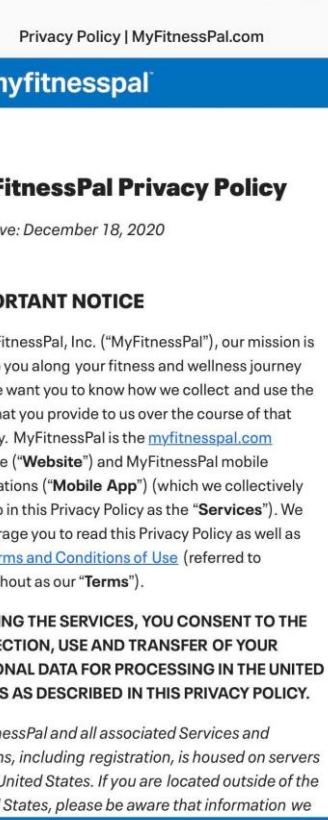
The system Test must achieve 80 % requirement coverage, and all test procedure must be executed without failure 1(High)

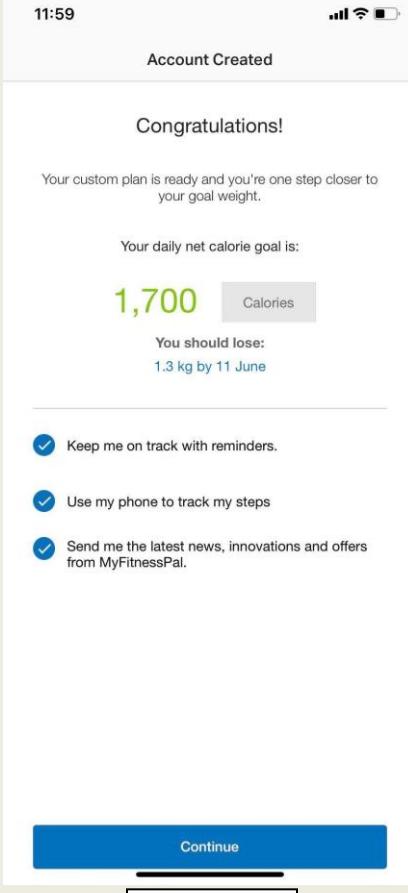
5.4) Test environment requirements

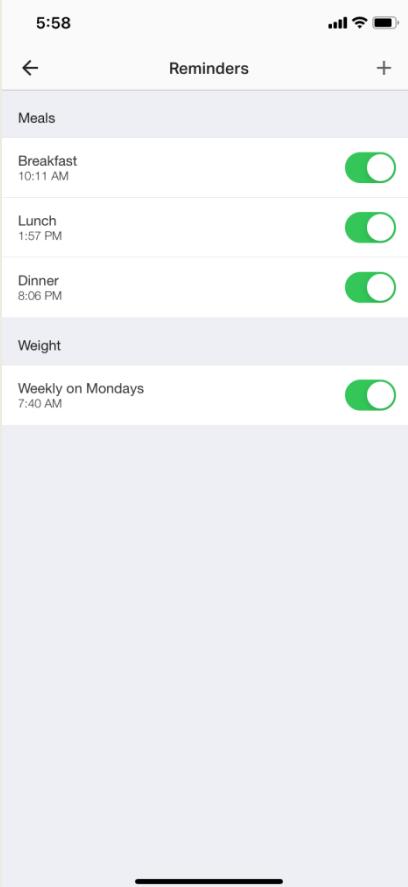
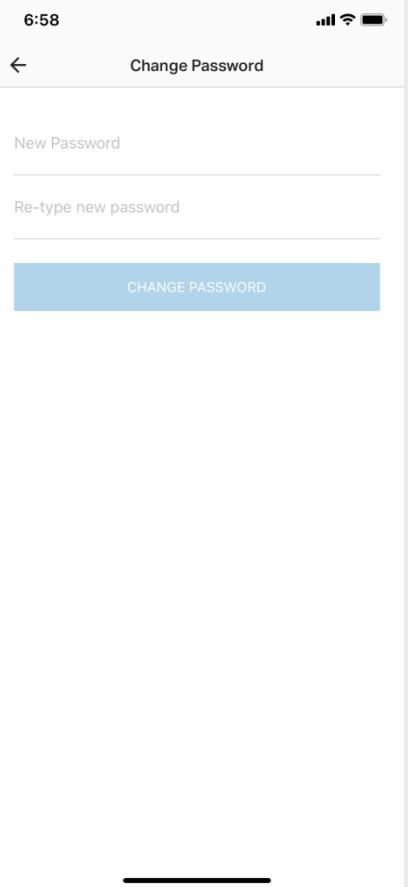
- This test plane
- IOS device
- Internet connection
- Install app on IOS device from production download link:
<https://apps.apple.com/us/app/myfitnesspal/id341232718>
- Allow app notifications

UAT Test Cases				
ID	Test Case Title	Steps	Expected	
Onboarding Screens				
	 <p>11:49</p> <p>Sign Up</p> <p>Create an Account</p> <p>Sign Up with Email</p> <p>OR</p> <p>Continue with Apple</p> <p>Continue with Facebook</p> <p>We will never post anything without your permission.</p>	 <p>11:50</p> <p>Goal</p> <p>What is your goal?</p> <p>Lose Weight</p> <p>Maintain Weight</p> <p>Gain Weight</p> <p>Alert Select an option</p> <p>Dismiss</p>	 <p>11:49</p> <p>Activity Level</p> <p>How Active Are You?</p> <p>Not Very Active Spend most of the day sitting (e.g. bank teller, desk job)</p> <p>Lightly Active Spend a good part of the day on your feet (e.g. teacher, salesperson)</p> <p>Active Spend a good part of the day doing some physical activity (e.g. food server, postal carrier)</p> <p>Very Active Spend most of the day doing heavy physical activity (e.g. bike messenger, carpenter)</p>	
	Screen1	Screen2	Screen3	
O-1	Check response and sequence and flow of onboarding screens	1-Open app 2-Register with new account	Onboarding screens should appear after user chose way from 'Screen 1' of registration according to designed flow	
O-2	Verify user must answer on goal question	1-Register with new account through any choice from Screen 1' 2-Tab on next arrow on top left of 'Screen2'	User can tab on continue when user select One goal else user will find Alert popup as in 'Screen 2' saying 'Select an option' wit 'Dismiss' button to close this alert popup	
O-3	Verify onboarding progress bar	1-Open app 2-Register with new account 3-Go through onboarding screens until finish it	Onboarding progress bar on each screen should change according user progress after each question answer	
O-4	Validate and verify there is no restricts on 'How user active' question in onboarding screen	1- Go through onboarding screens until 'Screen 3' 2- Tab on continue	User can tab on Next arrow directly with no limitation on user because app set it by default to 'Not Very Active' answer	

UAT Test Cases			
ID	Test Case Title	Steps	Expected
Onboarding Screens			
	 <p>11:52 You →</p> <p>Sex</p> <p>Male Female</p> <p>When were you born?</p> <p>1 Jan 1970</p> <p>We use these to calculate an accurate calorie goal for you.</p> <p>Where do you live?</p> <p>Egypt</p>	 <p>11:52 You →</p> <p>How tall are you?</p> <p>170 cm</p> <p>How much do you weigh?</p> <p>0.00 kg</p> <p>It's ok to estimate, you can update this later.</p> <p>Alert Please enter your current weight.</p> <p>Don't worry, you can always change it later. Dismiss</p>	 <p>12:00 You →</p> <p>Goal →</p> <p>What is your weekly goal?</p> <p>Lose 0.2 kilograms per week</p> <p>Lose 0.5 kilograms per week (Recommended)</p> <p>Lose 0.8 kilograms per week</p> <p>Lose 1 kilogram per week</p>
	Screen 4	Screen 5	Screen 6
O-5	Verify user must select gender	1- Go through onboarding screens until 'Screen 4' 2- Tab on continue	When user tab on next arrow directly without selecting gender Alert popup will inform user to select gender
O-6	Verify user must answer all questions about body description and also body goal question	1- Go through onboarding screens until 'Screen 5' 2- Tab on continue	User should answer each question in this screen else alert popup will ask user to answer on each question else user can't move on
O-7	Validate and verify there is no restricts on 'What is user weekly goal' in onboarding screens	1- Go through onboarding screens until 'Screen 6' 2- Tab on continue	User can tab on Next arrow directly with no limitation on user because app set it by default to 'lose .5etc' answer

ID	Test Case Title	Steps	Expected
Onboarding Screens			
	 <p>12:00</p> <p>Details</p> <p>Email Address</p> <p>Password</p> <p>6 characters minimum</p> <p>Choose a username</p> <p>By signing up for MyFitnessPal, you are agreeing to our Privacy Policy and Terms.</p> <p>Sign Up</p>	 <p>11:58</p> <p>← Terms and Conditions of Use MyFitness...</p> <p>myfitnesspal</p> <p>CLAUSE AND A CLASS ACTION WAIVER IN SECTION 14. THIS PROVISION AFFECTS YOUR RIGHTS TO RESOLVE DISPUTES WITH MYFITNESSPAL AND YOU SHOULD REVIEW IT CAREFULLY. YOUR CHOICE TO MAINTAIN AN ACCOUNT, ACCESS OR USE THE SERVICES (REGARDLESS OF WHETHER YOU CREATE AN ACCOUNT WITH US) CONSTITUTES YOUR AGREEMENT TO THESE TERMS AND OUR PRIVACY POLICY, WHICH IS INCORPORATED INTO THE TERMS. IF YOU DISAGREE WITH ANY PART OF THE TERMS, THEN YOU ARE NOT PERMITTED TO USE OUR SERVICES.</p> <p>Please note the summaries in shaded boxes at the top of most sections are provided to make the Terms easier to understand. In the event of a conflict between any summary and any section of the Terms, the Terms will control.</p> <p>Please feel free to contact us through our Support Team if you have any questions or suggestions.</p> <p>1. Use of the Services and Your Account</p> <p>1.1 Who can use the Services</p> <p>You must be at least 18 years old to use the Services.</p> <p>You must be at least 18 to use the Services (unless otherwise specified in the International Terms section).</p>	 <p>11:57</p> <p>← Privacy Policy MyFitnessPal.com</p> <p>myfitnesspal</p> <p>MyFitnessPal Privacy Policy</p> <p><i>Effective: December 18, 2020</i></p> <p>IMPORTANT NOTICE</p> <p>At MyFitnessPal, Inc. ("MyFitnessPal"), our mission is to help you along your fitness and wellness journey and we want you to know how we collect and use the data that you provide to us over the course of that journey. MyFitnessPal is the myfitnesspal.com website ("Website") and MyFitnessPal mobile applications ("Mobile App") (which we collectively refer to in this Privacy Policy as the "Services"). We encourage you to read this Privacy Policy as well as our Terms and Conditions of Use (referred to throughout as our "Terms").</p> <p>BY USING THE SERVICES, YOU CONSENT TO THE COLLECTION, USE AND TRANSFER OF YOUR PERSONAL DATA FOR PROCESSING IN THE UNITED STATES AS DESCRIBED IN THIS PRIVACY POLICY.</p> <p><i>MyFitnessPal and all associated Services and systems, including registration, is housed on servers in the United States. If you are located outside of the United States, please be aware that information we</i></p>
O-8	Validate and verify user register mail	1- Go through onboarding screens until 'Screen 7' as new user 2-Enter user Email Address 3-Tab on 'Sign Up' button	User can finishes registration process after enter right Email address and also password length not less than six
O-9	Check 'Privacy Policy' and 'Terms' links in 'Details' screen	1- Go through onboarding screens until 'Screen 7' as new user 2- Tab on 'Privacy Policy' link 3- Tab on back arrow 4- Tab on 'Terms' link 5- Tab on back button	'Privacy Policy' and 'Terms' pages should appear in appropriate view

UAT Test Cases			
ID	Test Case Title	Steps	Expected
Onboarding Screens			
		 <p>11:59</p> <p>Account Created</p> <p>Congratulations!</p> <p>Your custom plan is ready and you're one step closer to your goal weight.</p> <p>Your daily net calorie goal is:</p> <p>1,700 Calories</p> <p>You should lose: 1.3 kg by 11 June</p> <p><input checked="" type="checkbox"/> Keep me on track with reminders.</p> <p><input checked="" type="checkbox"/> Use my phone to track my steps</p> <p><input checked="" type="checkbox"/> Send me the latest news, innovations and offers from MyFitnessPal.</p> <p>Continue</p>	
O-10	Check finish and reviewing user details screen	1- Go through onboarding screens until 'Screen10' as new user 2- Tab on 'Continue' button	User can set reminder of meals, tracking user steps, and also send latest news through checking this choices in 'Screen 10', then finally after user tab on 'Continue' button open 'Home screen'

UAT Test Cases			
ID	Test Case Title	Steps	Expected
Reminders and Change Password Screens			
			
		Screen 11	Screen 12
O-11	Set reminder for lunch meal	1- Tab on 'MORE' 2- Tab on 'Reminders' 3- Tab on 'Lunch' 4- Tab on 'Time' from Edit screen 5- Set time 6- Tab on right symbol	After user set reminder from reminder screen in 'Screen 11' notification will go from app to notification center of mobile to notify user to start taking lunch meal
O-12	Change user password	1- Tab on 'MORE' 2- Tab on 'Settings' 3- Tab on 'Sharing & Privacy' 4- Tab on 'Change Password' 5- Enter 6 symbols 6- Renter the 6 symbols 7- Tab on 'CHANGE PASSWORD' button	User should be able to change old password and can login again to this account with new password

6. Defect Management

According to discussed plan, tester will be running UAT on the complete features to ensure it meets the business functionalities were set previously, Then will perform System testing to detect final bugs before planning to Deploy.

7. Conclusion

The more passes we get for this set of test cases, the more confident we become in our product.