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# **CODE 3 16 APP USER REQUIREMENTS SPECIFICATION DOCUMENT**

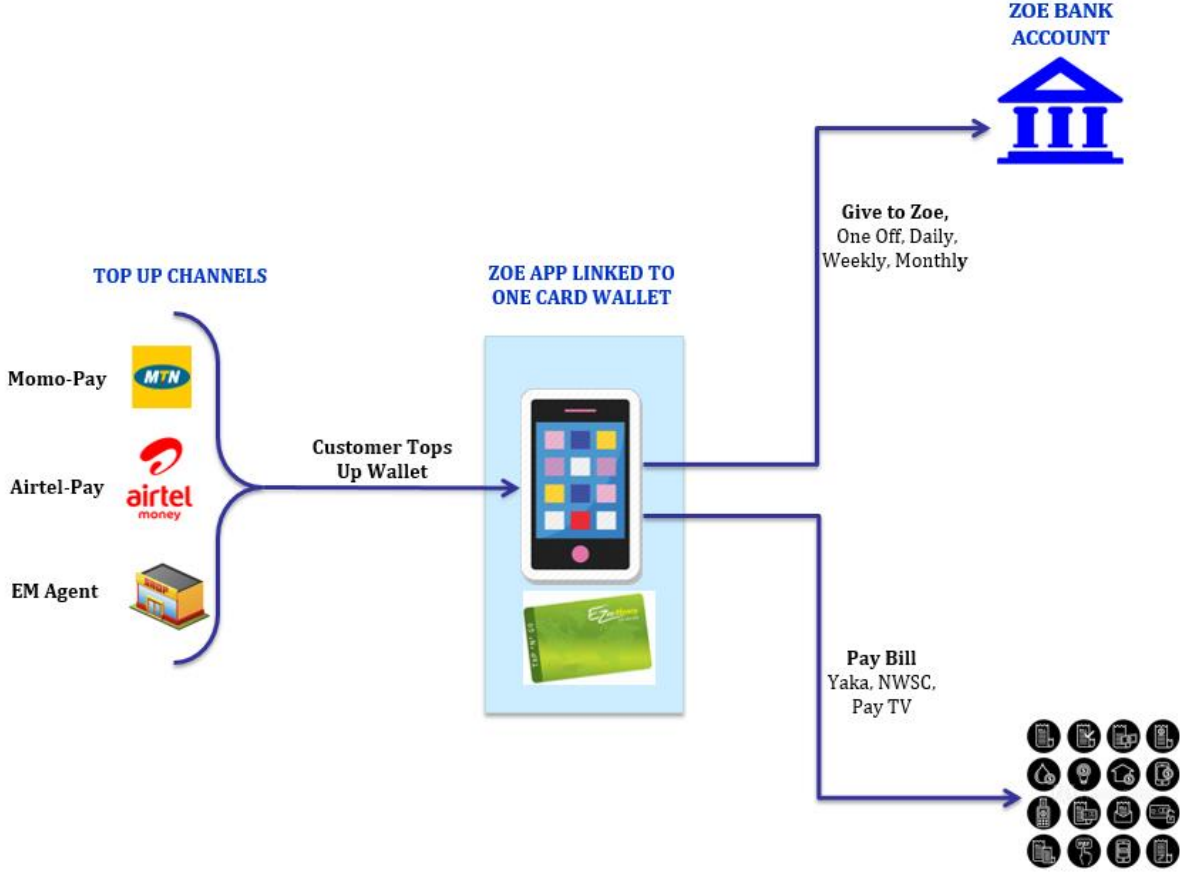
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DECEMBER 21, 2020  
EZEEMONEY UGANDA LTD  
Commercial Plaza Ground Flow

# CODE 3 16 APP USER REQUIREMENTS & SPECIFICATION DOCUMENT

## PROCESS FLOW



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No	Requirement	Comments
1.	An Application that is linked to Card Wallet to be used for Offering Collections and Bill Payments by the Code 3 16 community	
2.	The Card must be a unique identifier for each member	Provision of Test to affirm this before Live
3.	The App should allow for registration of New User with card	<p>Primary Info: Email Address, Phone Number, Name, Physical Address, <i>Card Number, ID number, Image (Back &amp; Front), Group &amp;Section, D.O.B,</i></p> <p><i>Consider On boarding a Company and Their Bio Data (Registered Name, Co. No, Registered Address (Postal and Physical), Directors (Name &amp; ID), email, Industry, Family (Primary Contact, Members of the Family &amp; DOB's)</i></p> <p><b>Secondary:</b> Behavioral information, build a Page that can be filled with Questionnaires for the App Users to respond to in order to understand their behavior patterns.</p>
4.	The App should provide unique and Confidential Login Credentials for each registered User	
5.	The App should have a Login Page that user enters data to Login into the App	Credentials to be Sent to User via Mail address entered.
6.	Once Logged in the User Can be prompted to Top His Wallet by the App.	
7.	Once Logged in, the App should have a the Card in it registered as a virtual wallet Available for Top up in order to do Offertories and Bill Payments	
8.	<p>The App should give 3 different Options of top Up</p> <ul style="list-style-type: none"> <li>i. MTN MomoPay</li> <li>ii. Airtel Pay</li> <li>iii. EzeeMoney Agent (Through POS Terminal)</li> </ul>	<p>For MTN MomoPay and Airtel Pay, the User enters his or Phone Number and Amount, He then receives a message prompting him to enter PIN on His/her Phone for Approval, when he does this, Money is deducted of his Mobile Wallet and topped up to His App Card Wallet</p> <p>For the EzeeMoney Agent, the Users simply tops Up Card through an Agent with POS terminal</p>

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9.	The App should briefly guide/walk the user through all the three Top Up Process with prompts and Gesture	During the First Usage of a Services, the User is prompted to go to the Next step through gestures in the app, (Blinkers, Arrows, Pointers)
10	Once The top up is done successfully, there should be a message sent through the App to show the User their new Balance. This Balance should be visible to User all the time	
11.	The App should have an interface where the User Chooses whether to Give to the Ministry or to Pay Bill	
12.	Once Give to the Ministry is selected, the App should prompt the User for the Amount, Category to Give to, Schedule (One-off, Daily, Weekly, and Monthly). Once these are selected and User Submits, & Value is debited from his Wallet Account	
13.	Value that is Debited from User Card Wallet and credited to the Code 3 16 Collection Wallet	This can be seen in the Back end Dash Board
14.	A message is then given to the User through the App that She or he has given UGX XXXXX to Prophet Elvis Mbonye Ministries and his New Balance is UGX XXXXXX	
15.	On 11. On choosing Pay Bill, an Interface should be Presented to User with the Different Bills that can be paid for.	
16	<p>On all bill Payments the Normal process of,</p> <ol style="list-style-type: none"> <li>i. Account Validation on Submission and return of names</li> <li>ii. Enter amount More than returned Balance due entered</li> <li>iii. Phone Number Entered and proceed to pay will be followed</li> <li>iv. On Payment Money is debited from Wallet to make payment</li> </ol> <p>After Payment Confirmation a token/SMS message is sent to the phone number of the User Defined while Paying and an e receipt is kept in the transaction Log</p>	<p>The Bills to begin with will be : -</p> <p>Umeme Yaka Umeme Post Paid Startimes DSTV GOTV NWSC</p>
17	The App shall have a Transaction History Log that shows all Transactions done by the User both as giving and Bill Payment	This Log shall have the details per each transactions as of when done, i.e. Date, Time, Amount, Product and Status

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<b>18</b>	The app Shall have Standard Buttons for maneuvering through the App seamlessly by the User these shall include (but not Limited to), Home, back, front, Log out etc.	The app interface that was shared has these buttons
<b>19</b>	The app Shall allow for Personalization of Themes, Background Pics, and Fonts. A default Theme with the Colors of the Ministry will be set	
<b>18</b>	The App shall work over the Internet. It will require Data or Wi-Fi connection to work online. There shall be no limitation to the Data or Internet provider to the User	The App should Notify User when Offline (Cannot Connect)
<b>19</b>	The Backend of the App shall be Managed Dash Board	
<b>20</b>	The Dashboard shall be set up with User rights and Permissions for different groups of users.	These shall be assigned to different User as deemed Fit by Code 3 16 Administrators (Roles & Permissions) Identify Roles as per System
	The Dashboard shall allow for monitoring of all activities within the App Eco system i.e. Registration, Giving, Bill Payments etc.	
<b>21</b>	The Dash shall allow for extraction of Different reports depending on the Logs taken during activity on the App.	
<b>22</b>	The Dash board shall contain a data base where data from the App shall be logged	Ministry will Meet the costs of Hosting the App of Google Play and Apple store as well
<b>23</b>	<p>The Data logged shall Include but not limited to.</p> <ul style="list-style-type: none"> <li>a. Registration (Bio Data)</li> <li>b. All details entered during Giving per User</li> <li>c. User statement and Balance</li> <li>d. Bill Payment Transaction Details</li> <li>e. Schedules of Giving by User</li> <li>f. Top Up Details per User</li> </ul> <p>The reports will able to be aged as per daily, Weekly, Monthly and annually.</p>	Custom Reports / Queries shall be made possible in the App dependent on the Data Logged
<b>24</b>	The Dashboard will contain an Administrative Panel that allows for a brief view of general performance of on all sectors of the App i.e. Registration, Transactions per Product, Active/Inactive Users, Amount topped Up etc.	

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<b>25</b>	The App shall be deployed in Both Android (Google-Play) and Apple store on Launch	Apps on different app stores should maintain the same look and feel
<b>26</b>	A hosting website/domain shall be set up for the App by Code 3 16	This is for the purpose of serving the app and its associated services
<b>27</b>	The App should allow for Broadcast of Messages from the Ministry to the Congregants	This can be availed with a limit on the Number Characters to be used in the message
<b>28</b>	The App shall allow for recalling Used accounts for Bill payments and Suggesting them to the User when they are about to make Bill Payments	

### Sign Off

#### Code 3 16

Name .....

Designation .....

Date .....

Signature .....

Name .....

Designation .....

Date .....

Signature .....

**EzeeMoney Uganda Limited**

Name .....

Designation .....

Date .....

Signature .....

Name .....

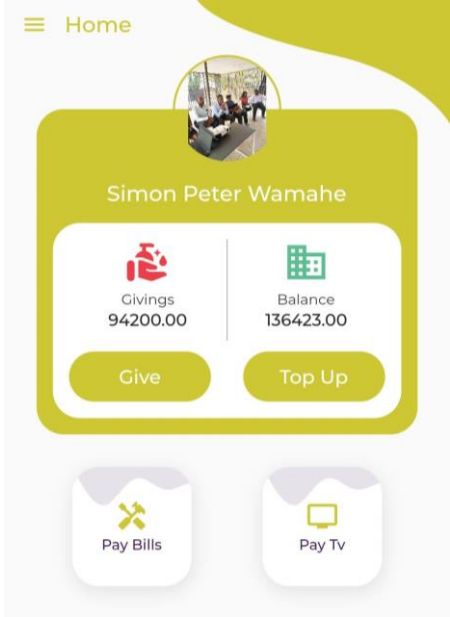
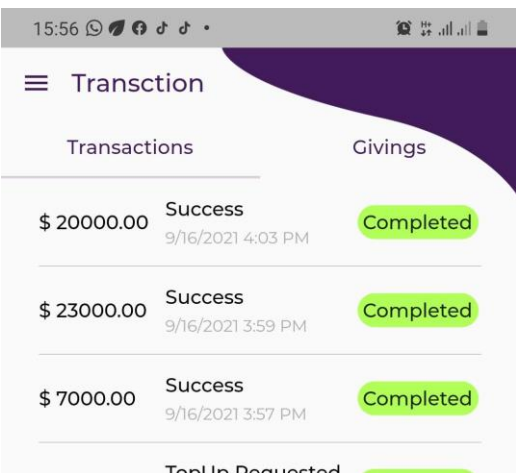
Designation .....

Date .....

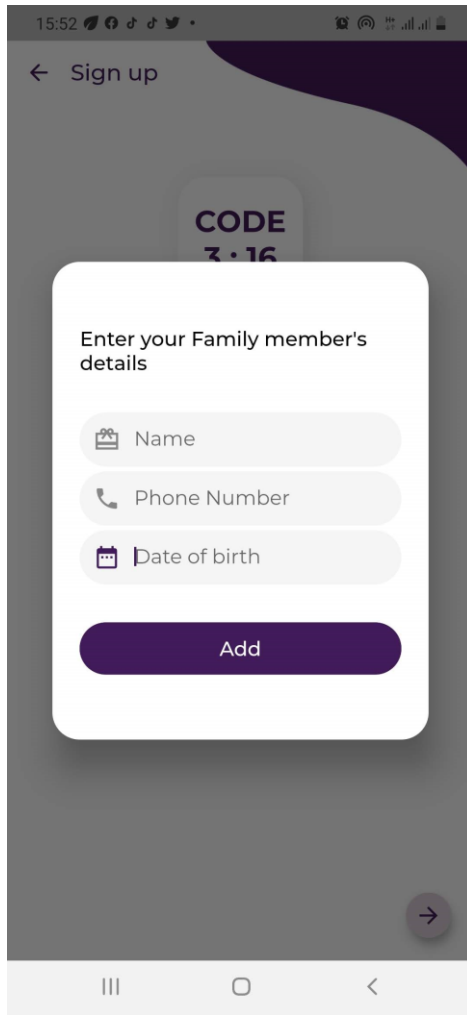
Signature .....

Changes requested

Set 1

ITEM	COMMENT
	<p>Is it possible to use commas to display the amounts that are shown</p> <p>Yes this is possible we will do</p> <p>Not defined in Scope</p>
	<p>Currency is in USD yet it should be UGX</p> <p>This change will be made</p> <p>Not defined in Scope</p>



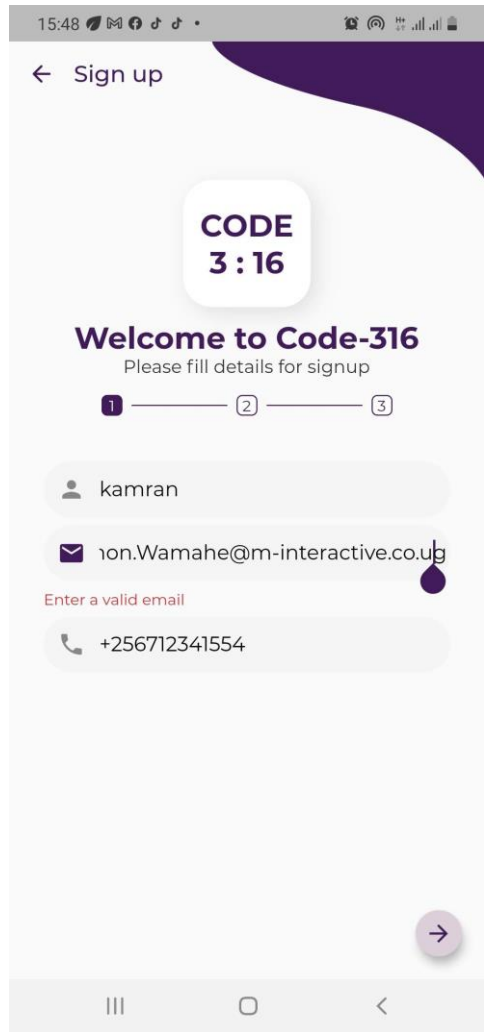


While adding date of birth, can we have a scrollable date chooser like the one used for scheduled giving?

This will make it easier to choose the date

This request was captured in the first document and its being sorted out

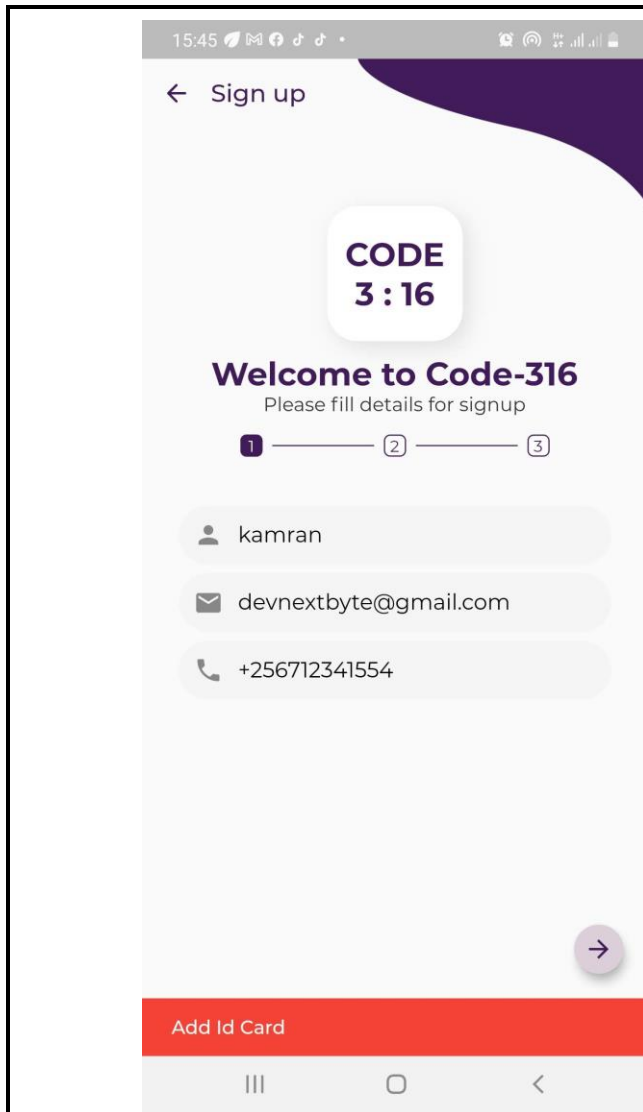
**Not defined in Scope**



App does not accept an email address with a hyphen e.g. [simon.wamahe@m-interactive.co.ug](mailto:simon.wamahe@m-interactive.co.ug)

This request was captured in the first document and its being sorted out

**Not defined in Scope**



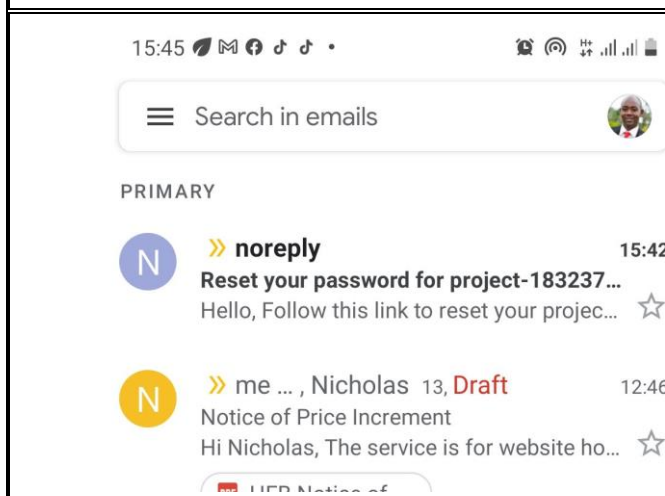
Again here we have an error message that is not relevant to the page/card/face

I also propose labeling the button at the bottom the have the words next or previous such that a user knows that there is something next or they are submitting final input

### Not defined in Scope

As explained during the Training, at registration we use buttons named 1, 2, 3 and after filling in, we then submit with the last button below.

We also received the change request of naming the button below in the first draft and the change is being activated

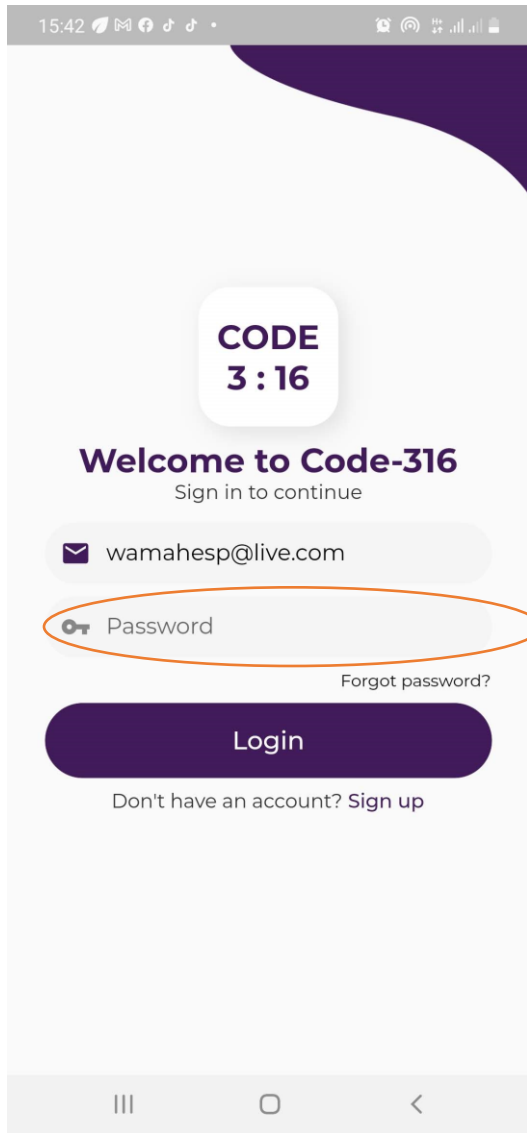


The email from the app might not be understood and should be made more descriptive

Reset your password for Code316

Message sender should also be changed

Will effect this change accordingly. It would be good if we had the exact wording you would like to use



Please include an “eye” that can enable a user to preview their password

Will effect this change

Not defined in Scope

Set 2

S/N	Request	Status
1	Landing should not be for scheduling giving. It should give option to give now or schedule giving. <b>Not defined in Scope</b>	Process to be changed, Once click Give, Give 2 Options, Of Give Now or Scheduled Giving, if a person chooses Give Now, they Give then, if they Choose scheduled Giving, they can see their Schedules and also schedule more if they need to. The Schedules should be called my Scheduled as opposed to Scheduled.
4	Remove cartoons and indicate category of giving <b>Not defined in Scope</b>	Under Give and Give Now, instead of the cartoon face in choosing the give types, just put naming and Chooses category of giving, produce list when clicked
5	What is title under giving <b>Not defined in Scope</b>	Change the work Title under giving and give now to Narration
6	For telephone contact, bring screen of just numbers like <b>Not defined in Scope</b>	In-cases where only Numbers are to be under make numbers key board the default pop
7	Transaction at the bottom is misspelled	The lower right button is named wrongly, the word transaction should rectified
9	Personalize messages on the receipt to include Username <b>Not defined in Scope</b>	The Messages on all receipt should include a UserName, i.e. Hello Judith, You have made payment of XXXX to YYYY Thank you
12	Can the signs for giving and top up be improved	Client to share which Icons are to used <b>Not defined in Scope</b>
13	Allow for the Administrator backend to edit Bio Data submitted by the registered User <b>Not defined in Scope</b>	Edit Groups and Sections, Upload of ID, Name Phone Number, Date of Birth.
15	App Dashboard not responding	The Button in the App called Dashboard does not take your back to Home

		<b>Not defined in Scope</b>
16	When Registering, User should be able to use Future Date as Birthdate	The app should not allow future dates to be used as birthdates <b>Not defined in Scope</b>
17	During registration Scrolling down feels Un Natural	When using the App and registering, the app doesn't allow for scrolling down when the key Board pops up, The user has to first minimize the Keyboard in order to scroll successfully. This should be improved, allow user to scroll and fill while the Key board is still on screen <b>Not defined in Scope</b>
18	During Transactions Operation, every time the User is submitting to complete transaction, Please pop up a question for User to confirm. Once submit is clicked, as user to confirm one more time then complete transaction, give user a chance to cancel at that stage	<b>Not defined in Scope</b>

### Set 3

1. Change account Number to phone Number (MomoPay, Airtel Pay) under Top Up Channels **Not defined in Scope**
2. Change the Wording from description to Reason on MomoPay and Airtel Pay under top Up Channel **Not defined in Scope**
3. Define Date of birth format during Registration to guide person **Not defined in Scope**
4. **3:16**, please emphasize the hyphen (The Name is **Code 3:16** not **Code 316**) **Not defined in Scope**
5. Radio button for choosing yes or No on the part of section and group, if the person registering chooses NO, don't show options of Group and Policy, if they yes then let them enter their group and Section. Whatsoever they enter will also be validated against a provided list of Group and Section. If what they fill is wrong, don't allow them to proceed until they input a valid Group and Section **Not defined in Scope**

6. Change all words that say “donate” to “Give” there should not be any word in the App called Donate **Not defined in Scope**
7. There is need to put the background theme. They have requested more features on the theme at least the ability change back ground **Not defined in Scope**
8. Change the Currency Sign of dollar \$ sign to UGX **Not defined in Scope**
9. Need to create registration for other. This is available at Sign Up after Log out **Not defined in Scope**

#### SET 4

### Feedback from Code 316 App

1. On the Section for "Schedule giving", one should be allowed to schedule their own time when the transaction should be effected rather than the App. restricting the user to the set time which apparently is 6am. **Not defined in Scope**
2. On Bill Payment, the receipt should show details of the payment, e.g. Judith, You've paid for Yaka, then token then amount **Not defined in Scope**
3. On the Part of Dashboard particularly on 'Users', let's add Family. it only has Individual & Company **Not defined in Scope**
4. One comment, the profile photo remains as is and doesn't blend into the space. Eg if it is a square or rectangle, stays as if. Doesn't blend into the circle **Not defined in Scope**
5. When trying to add members to family, I could not add myself to my family without getting an error. Also the phone field is mandatory and yet some family members might not have phone numbers **Not defined in Scope**
6. In the sign up or forgot password process, the app does not redirect the user back to the app after their password is updated **Not defined in Scope**