

## **Deliverable 2**

**Team Name:**  
**The Collective**

**Project Name:**  
**OneHome**

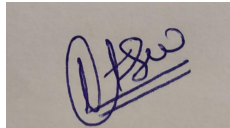
### **Group Members:**

<b>Name:</b>	<b>Student Number:</b>
Pratheep Chandrakumar	N01376948
Sukhvir Singh Brar	N01395820
Utsav Sharma	N01392141
Dhruv Dave	N01401657

## **Table of Contents**

<b>Participation</b>	<b>3</b>
<b>Brief description of the project</b>	<b>6</b>
<b>GitHub</b>	<b>7</b>
<b>Stories and Tasks</b>	<b>8</b>
<b>DOD Criteria Explanation</b>	<b>10</b>
<b>Update</b>	<b>11</b>
<b>Business Model Canvas</b>	<b>12</b>
<b>DB Cloud</b>	<b>13</b>
<b>Stand-ups</b>	<b>14</b>

## Participation

<u>Name</u>	<u>ID</u>	<u>Signature</u>	<u>Effort</u>
Utsav Sharma	N01392141		<ul style="list-style-type: none"><li>- Create a Project on github and invite collaborators.</li><li>- Added a Navigation Drawer and all five blank screens in the navigation drawer.</li><li>- Added a splash screen with functionality.</li><li>- Added proper icons for all tabs.</li><li>- Added landscape layout in splash and main screen.</li><li>- Added the folder to support french language.</li><li>- Added Runtime permissions</li><li>- Added a snackbar whether permission granted or denied.</li><li>- Added Alert Dialog and proper icon whether the user wants to stay on app or exit.</li><li>- Complete the Temperature/Humidity screen without Functionality.</li></ul>

			<ul style="list-style-type: none"> <li>- Created Database in Firebase.</li> <li>- Connected the app with Firebase Database.</li> <li>- Formatted the Monday Sprint Chart and deliverable 2 document</li> </ul>
Pratheep Chandrakumar	n01376948	P.C	<ul style="list-style-type: none"> <li>-Created and formatted the deliverable 2 document</li> <li>-Worked and completed the display fragment without functionality</li> <li>-Worked and completed on the settings fragment without functionality</li> <li>-Translated most strings to french</li> <li>-Added new font choices for styles</li> <li>-Decided what settings should be implemented</li> <li>-Formatted the Monday Sprint Chart</li> <li>-Worked and finished on Business Canvas</li> </ul>
Dhruv Dave	N01401657	Dhruv Dave	<ul style="list-style-type: none"> <li>-Designed the curtain fragment</li> <li>-Worked on Curtain fragment.</li> <li>-Added image in the fragment.</li> <li>-Created buttons without functionality.</li> <li>-Changed the background color of the fragment.</li> <li>- Translated some of the</li> </ul>

			<p>strings to french.</p> <ul style="list-style-type: none"> <li>-Added seek bar in the fragment.</li> <li>-Updated about my work and what I am doing on Monday.com in our group collection board.</li> </ul>
Sukhvir Singh Brar	N01395820	SSB	<ul style="list-style-type: none"> <li>- Designed the motion fragment.</li> <li>- Created the buttons in the fragment without functionality.</li> <li>- Added a sprint on the monday.com website on our group page.</li> <li>- Added subitems in the sprint.</li> <li>- Worked with some error correction in the code.</li> <li>- Worked on the DoD with Dhruv.</li> <li>- Worked on the Daily Progress Report, and finalised it.</li> <li>-Created a</li> </ul>

### **Brief description of the project:**

Our final vision is to have a smart device that can read temperature, track motion inside the house and equipped with automated curtains for the house and an LCD display. These components interact with our app by sending data and having controllable settings and options for the app to configure for the device. The app will send notifications of device sensor readings and to control different parts in one home

## GitHub:

<https://github.com/UtsavSharma2141/OneHome.git>


### Manage access


Add people


☐ Select all

Type ▾


☐


**AustinCENG**  
Awaiting AustinCENG's response

Pending Invite 





☐

**DhruvDave1657**  
DhruvDave1657 • Collaborator





☐

**Hak11**  
haki11 • Collaborator





☐


**PratheepChandrakumar6948**  
Collaborator



☐

**SukhvirBrar5820**  
Collaborator





**Get team access controls and discussions for your contributors in an organization.**  
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## Stories and Tasks

Sprint (5-15th October)							
		Subite...	Person	Status	Start Date	End Date	
	Tab to control Motion Sensor and its alarm	▸ 5	SS	Working on it	Oct 9		
	Work on Settings Fragment Interface	▸ 5	PC	Working on it	Oct 10	Oct 11	
	Work on Display Fragment interface	▸ 5	PC	Working on it	Oct 8	Oct 11	
	A tab to see the values of temperature and humidity	▸ 6	US	Working on it	Oct 6		
	A tab to control curtains.	▸ 5	DD	Working on it	Oct 11		
	+ Add						

Tab to control Motion Sensor and its alarm Edit							
		▾ 5	SS	Working on it	Oct 9		
Subitems							
			Owner	Status	Start Date	End Date	Size
	Add a real time clock so the user can conveniently choose a time to set the alarm on...	+	SS	Done			Small
	Add an emergency button which gives the user the option to call the cops in case of ...	+	SS	Done			Small
	Add buttons to toggle alarm on/off	+	SS	Done			Small
	Assign the set button to set the time when the alarm is active when on	+	SS	Done			Small
	Add functionality to all the buttons	+	SS	Working on it			Large
	+ Add Subitem						

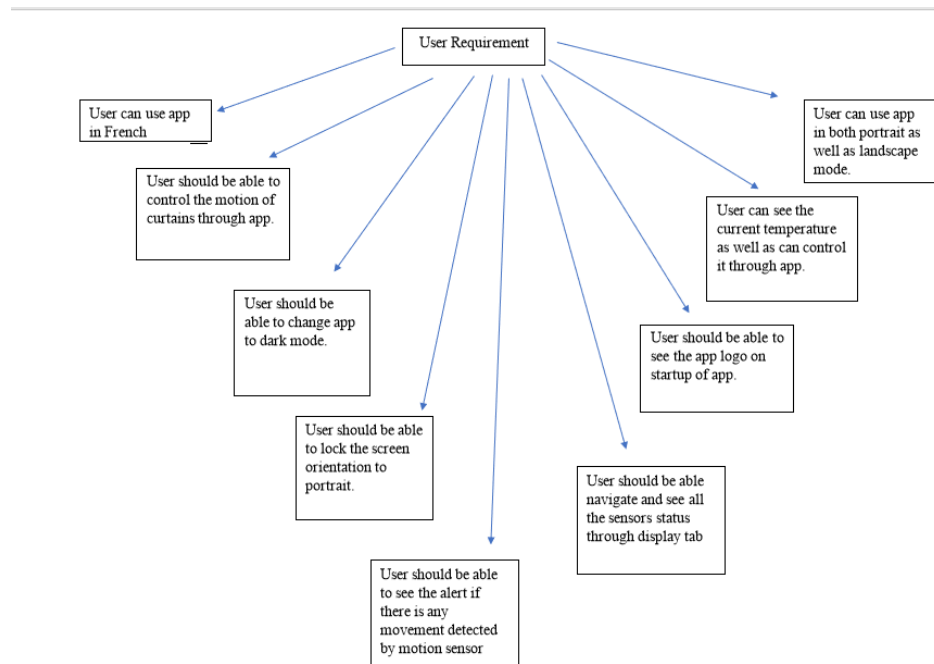
Work on Settings Fragment Interface							
		▾ 5	PC	Done	Oct 10	Oct 11	
Subitems							
			Owner	Status	Start Date	End Date	Size
	Add Font types and implement them to displays	+	PC	Done	Oct 8	Oct 9	Small
	Decide Which setting options should be implemented	+	PC	Done	Oct 8	Oct 9	Small
	Implement different settings as user inputs (Switches, buttons)	+	PC	Done	Oct 8	Oct 9	Small
	Make sure a items have proper ids and no hardcoded text	+	PC	Done	Oct 8	Oct 9	Small
	Position Text and Options so it looks proper	+	PC	Done	Oct 8	Oct 9	Small
	+ Add Subitem						

Work on Display Fragment interface							
		▾ 5	PC	Done	Oct 8	Oct 11	
Subitems							
			Owner	Status	Start Date	End Date	Size
	Add and adjust the text (size, font, colour)	+	PC	Done	Oct 8	Oct 9	Small
	Clean up on code and make sure everything is okay (no hardcoding, colour code and ...	+	PC	Done	Oct 8	Oct 9	Small
	Decide the different options for display fragment to have	+	PC	Done		Oct 9	Small
	Format the options in fragment to be user friendly(positions, size)	+	PC	Done	Oct 8	Oct 10	Small
	Implement the options as user inputs (switch buttons, checkboxes, etc)	+	PC	Done	Oct 8	Oct 10	Small
	+ Add Subitem						





## DOD Criteria Explanation:



Definition of Done (DoD) is a list of requirements that a user story must adhere to for the team to call it complete. Our application tries to stick to the basic fundamentals of trying to solve real world issues like inclusion of multi-linguistic clients, a user-friendly interface, the ability to notify the users of breaches to their security and to give the user the control that they always look for. The basic functions listed above are what we as a team feel are the acceptance criterion for the user to like our product.

Above image shows the user requirement for our project. We kept all the requirements in mind and distributed the load of work accordingly. We created fragments based on user requirements and then started to work on individual fragments.

All the tasks marked done follows the user requirement and hence are concluded to be completed in our group collaboration board on monday.com

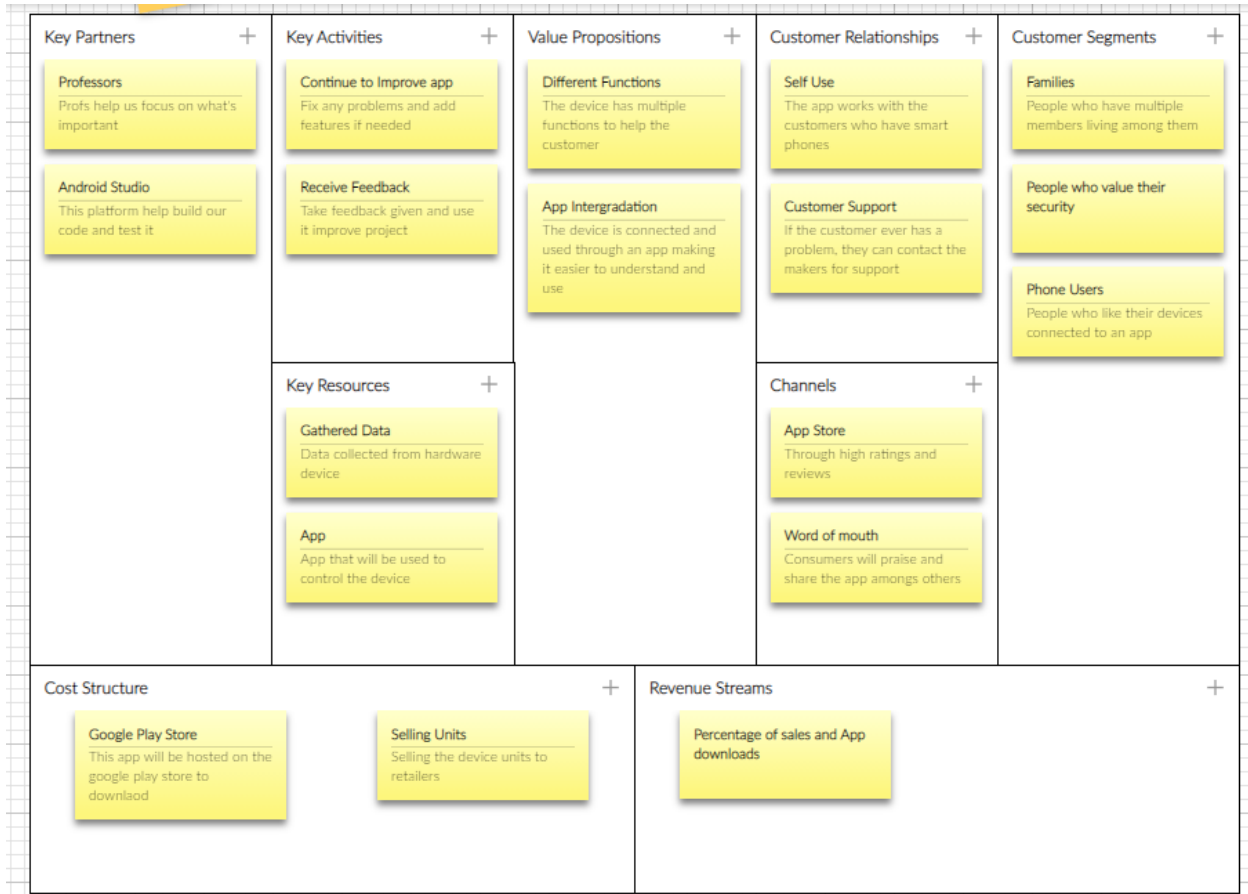
Tasks which are not marked as done are in progress or are not required to be completed in this deliverable such as functionality of all the buttons.

## **Update**

### **Changes since Deliverable 1**

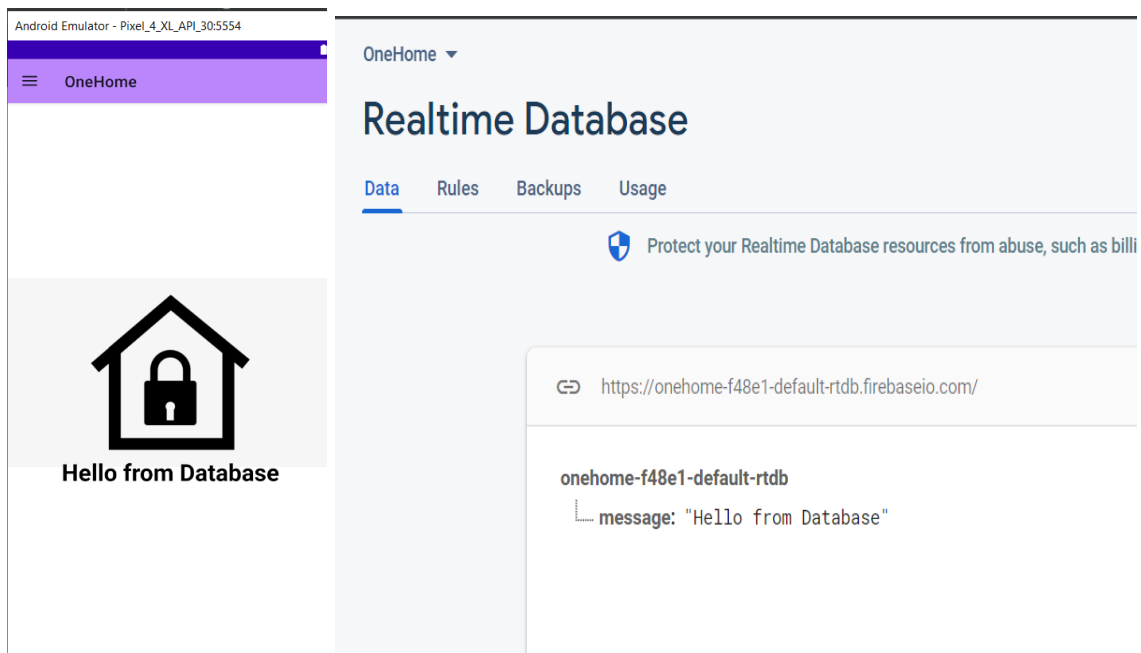
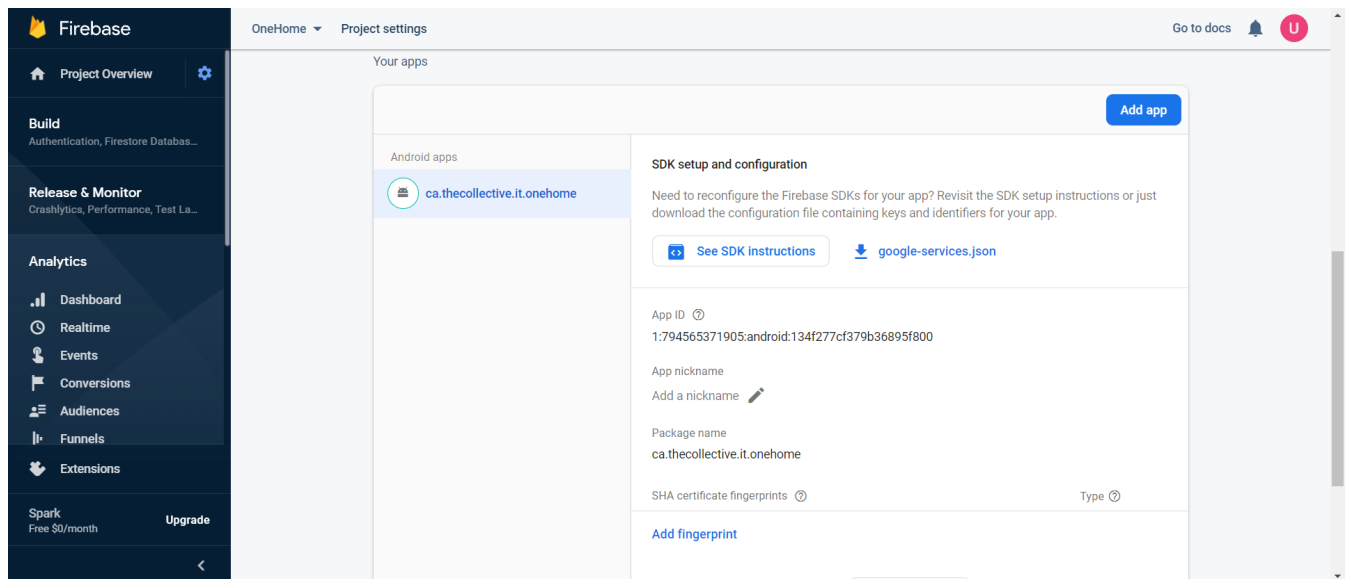
- Added and completed 5 different screen fragments without functionality
- Added new font and style choices
- Added runtime permission
- Created and connected to database
- Added french translation to strings
- Added Alert Dialogue
- Added splash screen
- Added a Navigation Drawer
- Added more icons and pictures
- Added menu bar

# Business Model Canvas



## DB Cloud

We have created a DataBase in Firebase and connect it with our OneHome app.



## **Stand-ups**

We have created a spreadsheet to keep the record of our task for the particular duration of time regarding our project progress. The link for the spreadsheet is pasted below. We try to base our daily agendas based on the problems we face when we collaborate each time. Our focus is on trying to eradicate the issues faced first and then approach other problems.

### **Daily Stand-Up Progress Report**