



SHALOMINC_SMARTBEATS_Deliverable_2

Team Name: SHALOM INC

Project Name: SMARTBEATS

Team Members:

Bhargav Patel (N01373029),

Ripal Patel (N01354619),

Vidhi Kanhye (N01354573) &

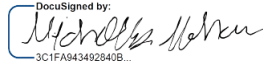
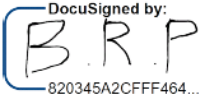
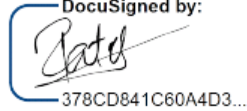
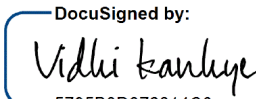
Nicholas Mohan (N01361663)

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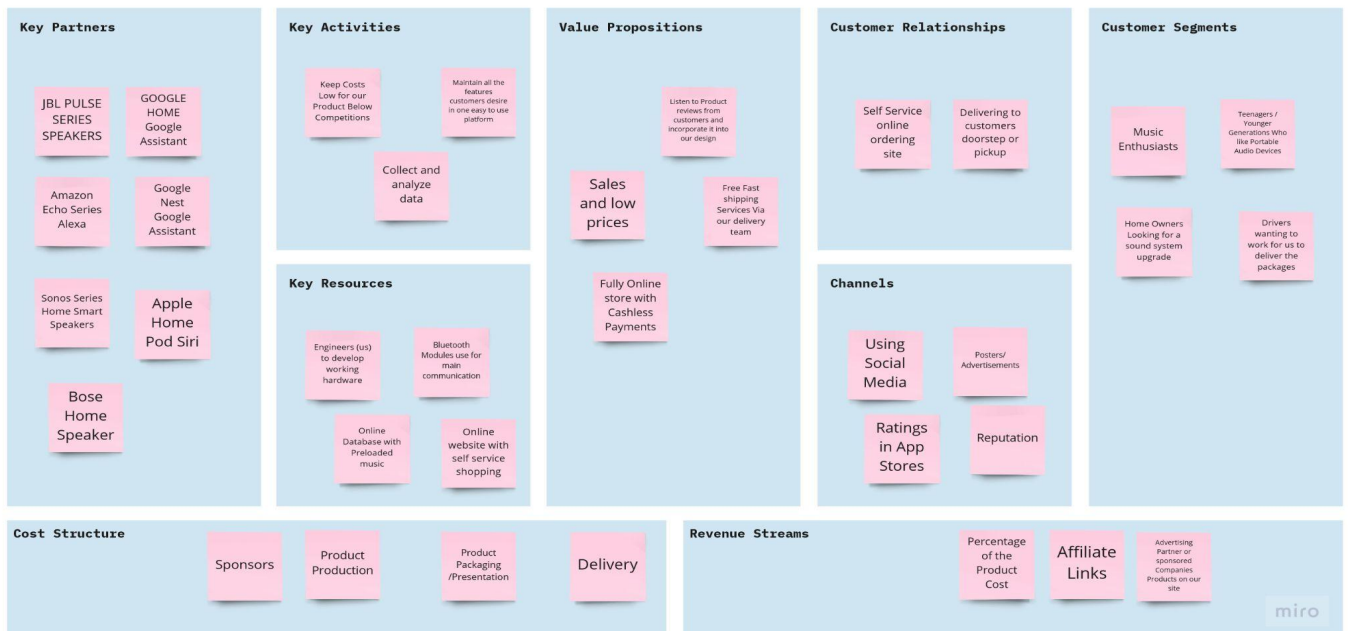
Project Brief Description:

The application itself is a controller for a smart home speaker. It will allow the user to control the music supplied to the speaker and lights. Access to a song database will be incorporated into this app for the online database functionality aspect.

Name	ID	Signature	Effort
Nicholas Mohan	N01361663	 3C1FA943492840B...	25%
Bhargav Patel	N01373029	 820345A2CFFF464...	25%
Ripal Patel	N01354619	 378CD841C60A4D3...	25%
Vidhi Kanhye	N01354573		25%

Business Model Canvas Shalom Inc - SMARTBEATS:

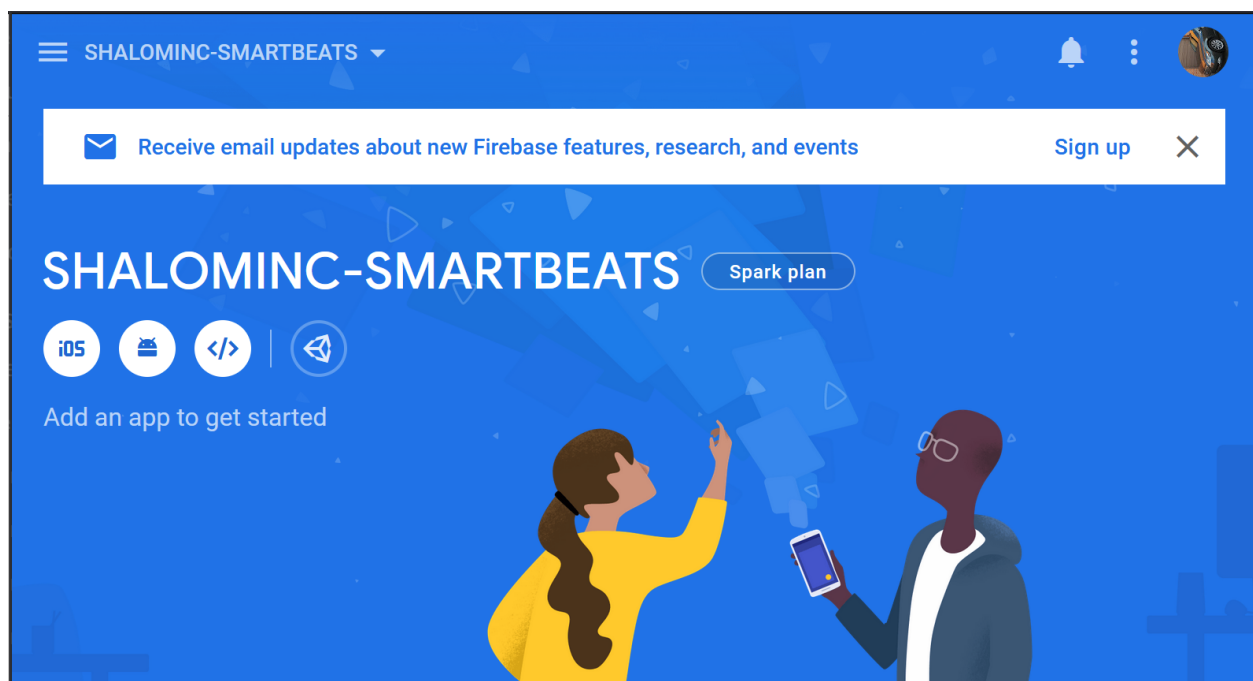
The Business Model Canvas



DataBase Screenshot:

Database Type: Firebase - Firestore

Project Name: SHALOM INC - SMARTBEATS



Cloud Firestore



Data Rules Indexes Usage



Prototype and test end-to-end with the Local Emulator Suite, now with Firebase Authentication

[Get started](#)



shalominc-smartbeats



Start collection



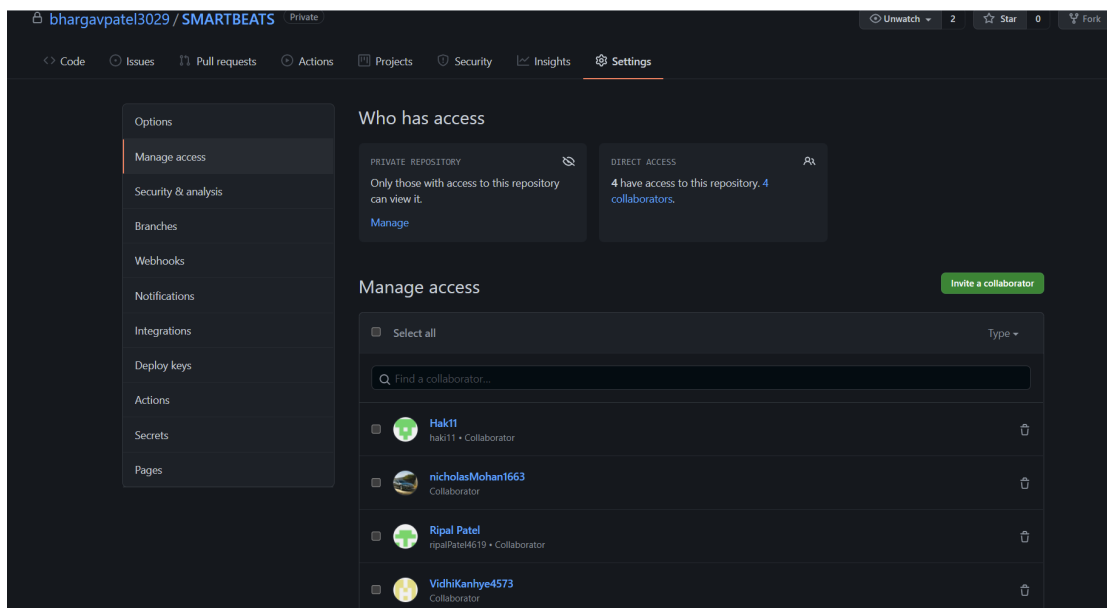
Your database is ready to go. Just add data.

Cloud Firestore location: nam5 (us-central)

GitHub Link and Proof of Invitation

GitHub Link: <https://github.com/bhargavpatel3029/SMARTBEATS>

Screenshot of Github Invitation:



Theme and Epics

13. Write Minimum of 1 theme (two epics, and 3 stories for each epic).

Theme: User controls the speaker					
Epic: Add a music selector			Epic: Make a color selector		
The user should be able to make a selection of their music, either from their phone or from the provided list from the cloud.	The user can set up a timer; the duration the speaker can play and will turn off automatically.	Rather than having the user control the music(play, pause,next, previous) on the speaker, they can control from the application itself, through the interface or through voice command.	For the user's convenience, a color picker/wheel is set up so that the user can change the LED light to their own likings, rather than remembering the rgb code numbers.	A slider to adjust brightness/dimness of the lights.	The LEDs will flash with the sync of the music. This will set up the mood depending on how the user wants it(relaxing, energetic etc).

20.Coding work progress since deliverable 1. What additional features/functionality added since deliverable 1.

-> Since the deliverable 1 there have been many features and functionality. Some of the major features/functionality that were added in this app are color changer and media player in our lights and music fragments. Also allowing the user to turn on bluetooth through the app was another major functionality. In order to get them working we had to implement a few functions in the .java files. Then a few minor changes were added like splash screen, menu options, settings fragment and horizontal and vertical screens for each fragment.