

The Business Model CANVAS

Designed for: Project: Chat Protocol

Designed by: Di Nunzio Giovanni

On:

Day

Month

Year

Iteration:

No.

Key PARTners

The Marconi institute's teachers. Notably Prof. De Carli provided theorycrafting support and code snippets for reference, as well as the permit to utilize school proprieties and Personal Computers.

Key Activities

The main activity was creating a working chat application with detailed documentation

The main problem was making sure the client's connection to the server occurred without any errors.

Another issue we faced was creating a common protocol for the packets that make the chat work and utilizing new python libraries we had never used before such as socketserver.



VALUE Propositions



We are offering to our customers a solution to improve communications between students and teachers. Our app will ensure smooth message delivery from a pc to another, making sure that messages arrive to everyone they are supposed to arrive to in a short amount of time without the risk of someone not receiving some papers or not hearing what the teacher or a classmate just said. This app can also be used to share notes among the class.

Customer Relationships



There isn't any customer assistance and we don't have a plan to implement it. First of all, the app is really simple and intuitive. Moreover it is meant to be used in the closed confines of the Marconi institute. Being a project of the class that is undergoing its last year in the institute, we will not be around to provide maintenance. The app's code is still completely free and easily accessible so new students can and are encouraged to make changes and upgrades to what we leave behind

Customer Segments



We have two main type of customers, there are the teachers and the students. Students can use the app's features to share notes, cooperate during projects, share news with the class or just talk to one another by chatting instead of standing up and walking over in the middle of a lecture.

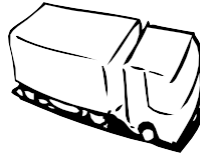
The app can also make the teacher's job easier by allowing them to send code snippets, exercises or material directly to the class. During a test correction they will also be able to call individual students to the desk without having to shout or stand up or they could even individually send everyone their mark and a summary of their errors in a message, as to not distract anyone from their work.

Key Resources



The main resource was python, used for making the chat client and the chat server, using the socketserver library. The school provided Computers and addresses and Prof. DeCarli provided theory lessons and code snippets as well as simple advice and error checking.

CHANNELS



The code will be available on campus.marconivr.it and could be released on GitHub in a public repository in the future so that it can be modified and improved by other students or programmers.

Cost Structure

All resources were offered by the school, there weren't any expenses



Revenue STREAMS

As the app is very simple and meant to be a class project, all services are completely free and we don't plan on charging in the future.

