These are the main constraints that we are dealing with, we will pick the technologies that we will use accordingly, we will not be using any frameworks or databases in this phase, we will only be choosing the programming language that we will use.

I have assigned each team member a responsibility that said team member will need to find out, I want a report of the options that satisfy a certain constraint and why it does so better than others.

If any of these seem unclear refer to the non-functional requirements in the SRS.

* Real time application. - Hussein
  + Hussein will know real time applications are made and the optimisations that they do.
* Easy access to system’s abstraction layers to simulate io for both phone and computer. - Hamed
  + Hamed will know how to simulate a device using device drivers or a smiliar approach with emphasis on speed.
* How cross platform development works.
  + Hamed will know how mobile applications that communicate with computer applications work
  + Hamed will know the easiest way to develop an application with a mobile version and computer version, preferably without needing to write the code twice.
* Efficient networking. - Hatem
  + Hatem will know how networking works, and how to process a real time application while minimizing the data sent over the network
  + Will need to know if compression Is a valid choice here.
* Memory efficient. - Hatem
  + We need to have the program not use a lot of memory.
* Processor efficient. - Hatem
  + Program needs to be not expensive to the processor
* Secure. - Hussein
  + Hussein needs to know what vulnerabilities our application will add and how to deal with them.