

MONASH MOBILITY CONTEST

THEME

Interconnecting the mobile university community using modern technologies.

SUBMITTED BY:

NAME : SAGUNA
STUDENT ID: 19676654
EMAIL : ssag2@student.monash.edu.au
PHONE : 0416634040(M)

Theme: Interconnecting the mobile university community using modern technologies.

The campus as I perceive in 2025 will be way advanced and mobile then what it is now. The fact is that we already have the technology to make it that advanced. It is a matter of when can we place our ideas into the real world? There are so many things that now look reality.

Well here is what I have in mind for our already hi-tech campuses, the one thing that is going to change the lives of all students at Monash. It is futuristic and I have already done some investigation on it. This object of desire of all students is called the – IRIS. It is what we have always wanted in some form or the other, and it is what will help us get across all the problems we have faced until now doing anything on campus, by that I really mean anything you can imagine.

Let's, get into IRIS now, to start with: IRIS is a handheld device, a mini computer that has a touch screen just the size of a Sony PSP, and I am sure now everyone would know what size it is! It has an interface which is both voice and touch based. IRIS has a lot of memory capacity for a small device with a wireless connection to screens of all sizes and types for advanced graphic applications development. It has all kinds of connectivity like Wireless Ethernet, Bluetooth, and GPRS and it also has a 10 Mega Pixel camera. There is also a capability for projector screens which just pop-up out of the device making it look so real.

Of course, it is connected to the Internet and to the Monash network, it is connected to the VOIP network that Monash is going to build, it is connected to whatever mobile phone network a student or staff member uses, so it is also a mobile phone, i.e. students can have voice and video communication with each other anywhere on campus using VOIP, they can use it as a mobile phone to have voice and video communication when they are not on campus, so they don't need another mobile phone. This is just the beginning; IRIS being connected to the Monash Network can have wonderful effects on the lives of both students and staff. It can be used to view your Monash Website and send and receive emails, view your lectures online, with video and voice, since that system will be surely up and running by 2025, can have video conferencing with your lecturers, can have interactive discussions on the topics that are hard to understand or grasp.

Well, if that is not cool enough for our cool campus, let me tell you there is more in store for everyone, with the IRIS handheld device, there is also an IRIS Server that is going to be installed in the campus. The applications this can support will take our everyday communications, our student life and the staff life, a lot more easy and fun! The server has a special services to offer – to state a few, it has a IRIS Location Awareness Service (ILAS) running, it has your IRIS Calendar Information (ICL) with all your appointments and time schedules, it also has, hold your breath, the thing that you always wanted – a IRIS Music Server (IMS), providing real time streaming of all your favourite songs.

To give you a little detail of all the wonderful effects this will make on your life, I'll start by the IRIS Location Awareness Service (ILAS) and the other linked services around the campus to this service. Well, if you are new on the campus, everybody knows that, how cool is that? The cafeteria knows that, the bookshop, the library, the laboratories, the buildings, the parking lots, the world around you in the campus knows that, and is there to help you, assist you and guide you through the campus and all the facilities. All you have to carry around is your hi-tech IRIS to be familiar with everything.

The IRIS Calendar Information (ICL) helps every student with dates, appointments, time schedules, by having alerts, messages, updates, whatever that you need. It is provided with an easy to use interface that has all your information stored for you just the way you would like it. The library borrowings, the meetings, the assignment due dates, the lecture timings (Virtual lectures and real lectures), exam dates, car parking information, the list goes on.

The IRIS Music Service (IMS) has everyone's music needs satisfied. The server stores all your play lists, the kind of music that you would like to hear, in your database space provided to you by the university, so there is no rights issue from the music companies, because this is your music! You can have JAM Sessions with IRIS, share it with your friends, listen to it wherever you like on campus or anywhere else in the world, go to a party with your friends listening to what you like and other groups of people listening to what they like!

There are no more student IDs required if you have your IRIS with you! It solves all your identification needs and security problems for the campus! After reading this my friend was still not satisfied he said "You know what Monash University would own a Satellite by 2025" and it can be used anywhere around the world! I don't know about the satellite but this sure feels like the complete mobile solution for everything that we ever wished to do on a campus. And hey, this is going to be reality soon!
