

Microsoft Imagine Cup & Fire Fly Cup winners 2004 - 2008

Firefly Cup 2004 (Took place in Port Elizabeth in February 2005)

Winner of Software development category -- Team DigIT (Third year)

System Name: V-Track 1.0

Project Description: V-Track 1.0 has been developed specifically as a pilot project for General Motors South Africa. The system is a nationwide tracking system that enables Dealerships all over South Africa to track their vehicles via GSM from the Factory doors to the Showroom floor. Not just that, the system then enables the customer to track their ordered vehicles and monitor the vehicles location day to day.

The system comprises of a 1) Windows based Administration Application that controls the Tracker and Vehicle Units. 2) Two web-based front end applications that was designed for the GM Dealer and the Customer. The Dealer website allows the dealers to track their vehicles and maintain customer information. The system also has a comprehensive SMS Management system which allows the dealers to extend credit to their tracking SIM card. The Customer Website allows the customer to track their vehicles at any time and maintain their own details.

Firefly Cup 2005 (Took place in Durban in February 2006)

Runners up (2nd position) Software Design Category (Third year)

Team: Digital Oasis

System Name: PIMS version 1.0 (Purchasing and Inventory Management System)

Description: PIMS version 1.0 is a web-based purchasing, inventory and warehouse management solution. The sponsor, Southern Air Conditioning (Pty) Ltd, is a large-scale air conditioning installation concern. The company is experiencing problems with its current, paper-based inventory management system and resulting in inefficient business practices. PIMS presents Southern Air with an integrated solution to these problems, and is expected to save the company over R200 000 per annum.

Firefly Cup 2006 (Took place in Johannesburg in December 2006)

Winner Software Design Category (Third year)

Team: Think Tank

Sponsor: The Go For Gold Program

Project Name: InterGreat

Description: The Go for Gold program is a non profit organization that provides intensive tutoring to students from disadvantaged areas. The aim of the program is to provide these students with the opportunities to improve both their technical and soft skills, thus making them better candidates for tertiary education and employment, specifically in the construction industry.

InterGreat is designed to assist the currently very laborious manual administrative function by providing information management, scheduling, reporting, transaction recording and various other capabilities to the program

Imagine Cup 2007 (Took place in Johannesburg in December 2007)

Winner Software Design Category (Honours)

Team Smile

Sponsor: Sibanye

Project Name: Sibanye Geographic Information System

Description: Sibanye Geographic Information System (SGIS) is a web application aimed at providing a unique service to the transport industry within South Africa. The system has been tailored to fit the existing transport industry processes put in place by major transport companies, and provide services which currently do not exist elsewhere in Africa. These services strive to provide passengers with information which can either be for future schedules or in relation to the stop at which the passenger is waiting, and the destination to which they wish to go. Passengers can access the system using either the GPRS network via their mobile, or query for more specific information using a structured SMS.

Transport companies utilising SGIS will be able to use the system to monitor their fleets, schedule routes and be alerted when abnormalities occur. SGIS is also a powerful tool for management, providing them with real-time statistics and reports on their assets, empowering them to make more informed decisions. On the whole, SGIS satisfies the needs of both client and company, using the data available to create a service for both.

Team Smile also won the UCT Innovation award and came 5th in the National Innovation competition.

They won the National Rural Innovation award

Team Smile represented South Africa at the International Imagine Cup competition in June 2008 in Paris, France. They came second in the Rural award competition and will travel to Silicon Valley for intense business and technology training as part of their prize.

Imagine Cup Cup 2005 (Took place in Drakensberg in December 2008)

Runners up (3rd position) Software Design Category (Third year)

Team Noesis

Sponsor: The Grootbos Foundation

Project Name: Grootbos CRM

Description: The Grootbos CRM is a fully web-based Customer Relationship Management (CRM) system aimed at improving the foundation's business operations. The ultimate objective is to increase sponsor donations by building an interactive online donation system.

Winners of the National Rural Innovation award (Honours)

Team RevoTech

Sponsor: CommonGround

Project Name: UCT Faculty of Health Sciences & Open Box Software

Description: CommonGround is a web portal which houses seven community websites. As a social development tool, the portal will educate and inform community members about health related issues. CommonGround is a place where community members can feel free to discuss various community issues and share knowledge in an open environment. Students from the Faculty of Health Sciences are able to enhance their interaction with the communities by using intuitive maps and sharing knowledge and research projects. An advanced modular framework has been used to ensure the flexibility of the project and easy extensibility for future needs and growth of the communities.

CaseIT 2008

Rafieqah Isaacs (IS Honours), Stephan van der Watt (Business Science - 4th year) and Matt Eagar (Business Science - 4th year) made it to the final round of the CASEIT competition held at Simon Fraser University, Vancouver, Canada on 4-7 February 2008.

CaseIT is an MIS focus business case competition intended to find the best and brightest MIS students in universities from across the globe. Allan Gray sponsored the event.

CaseIT2009 will take place again and three students have been chosen to represent the Department