ICT Enabled Regional Development Forum
Digital Innovation & Entrepreneurship Studio

Prof Andy Koronios & Dr Jing Gao
“The distance between an idea and the digital realisation of that idea is now so short – so cheap and so quick – that a bright twelve-year old can do it”

(McQuivey, 2013)

• ……… Yet most organisations struggle with it..
Harnessing our creativity to improve our community...

...... and that of others! .....  

300 Students + 40+ Academic and industry advisors = An Innovation Powerhouse
Digital Innovation & Entrepreneurship Studio

- Incubating Entrepreneurs
- Innovation in health
- IT for regional community
- IT enabling for non-for-profit enterprises
- Assisting Government
- Empower SMEs
- Safeguarding Australia
- Invent the future
MOONSHOT
The future of federated authentication

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Big Data Analytics
\- Data mining and Data analysis Project

Agile Approach

NSW Health

Problem
- Patients spend too long in Emergency Department

Research
- Quantitative Analysis
  - Patient Arrival Rate
  - Patients Treated at ED
  - Patient Transfer Rate to Wards
- Hypothesis Analysis
- Occupancy Rate / Wait Time
- Clinical Factors / Wait
- Demographic Factors / Wait
- Queensland Method Analysis

Results
- Waiting Time not related to Occupancy Rate, clinical or Demographic Factors.
- New South Wales show similar behavior to Queensland.
The District Council of Loxton-Waikerie
NBN Community Awareness Guide

Objective:
To provide to the District Council of Loxton-Waikerie a comprehensive plan that will allow the council to advise and educate all sectors of the community in regards to the upcoming construction of the National Broadband Network in the region, due to be completed in 2015.

Result - A report which details the following:
- A history of the NBN, including related technologies and capabilities.
- A list of local requirements and resources, including a survey and methods of distributing information to the community.
- A cost analysis of the project.
- The community engagement plan.

Core Functions System Migration Evaluation For Loxton Council Of Waikerie

- A strategy to provide an efficient and rationalized transition of Council functions for system migration from the current (Microsoft Windows based) Local Government Software to the proposed Microsoft technology based system called Government Enterprise.

- The project will include recommendations for enhancing mobile technology for both employees of Council and community access to Council.

AR Information Tour

Goal – Create an augmented reality information tour for the town and surrounding area, and to research authoring tools for ‘GoInfo’ Mobile App and Website.

- Enter www.goinfo.com.au on your browser to access this Application.
- Explore the place in one touch.
- Based on HTML 5, Multiple OS. Free of cost and User friendly.
- Compactable with all mobile screen size resolution.
- PHP is used to communicate with Database.
- Advertising cost depend on the level

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Learning From The Past – Optimising The Future

UniSA ICT Project
Matt Davies (DAV0112)
Ken (Cen) Jinxiuan (EEN001)
Prizes, Awards & Engagement of the wider Community

Riverland High School Project Competition

Project Fair Day

People’s Choice Award

Awarded to

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Awarded at the Student Projects Fair Day on 18 June 2013 to the project with the most votes for their presentation.

Prof. Andy Koronios
Head of School
School of Information Technology
Mathematical Sciences

Project Management Institute
Project Teamwork & Deliverable Award

Awarded to

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Awarded at the Student Projects Fair Day on 18 June 2013 to the most outstanding project team.

Prof. Andy Koronios
Head of School
School of Information Technology
Mathematical Sciences
Thank you!

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