Monash Graduate Research Students' Day – Collaborative Research Challenge 2017

Research Challenge Proposal
Date: 10 July 2017

Team Number: 1

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Problem Title: (One Sentence description of the challenge)

How can technology support information platform for personalised health care?

Research Objectives: (Include broad aims as well as specific research questions to be addressed)

Identify and propose a solution for the security and interoperability issues.
-) assess the suitability of block chain technology for health care systems
-) identify existing data exchange standards for ensuring interoperability between multiple souces / clients.
-) identify suitable components and design system

Approach: (Methodologies and methods to be followed; refer to known research or literature if appropriate)

-) design a search of the literature, patents, papers, and reports
-) report of present system mapped to findings from the literature
-) mitigate security of the patient records with block chain technology
-) identify and recommend standards to achieve interoperability
-) design and test the proposed solution