Networking Industry Project Description

**Project Title:** Rich Communication Services (RCS) Research Project

**Name of Industry Placement Agent (if any):**

**Agent Name:** IPA

**Contact Name:**  Jack Clayfield

**Contact number:**  0409841340

**Emailid:**  jackc@industryplacements.com.au

**Industry Client Details (Compulsory for all proposals):**

**Company Name:** Mobile Digital

**ABN:** 55 614 170 357

**Company address:** 4/17 Commercial Dr, Ashmore QLD 4214

**Company Profile:** MobileDigital is a software company and has developed, sells and supports a

unique software platform and connectivity solutions that enable organisations to design, personalise, deliver and manage visual communications direct to mobile consumers inboxes. The platform and processes carry an Australian innovation patent. The company specialises in MMS and SMS messaging protocols and is across all developments in RCS.

**Website:** https://mobile.digital

**Industry Professional (Contact) Name:**  Eibhlis Stuckey

**Client emailid:**  eibhlis@mobile.digital

**Contact Number:** 1800-443-848

**Brief Bio of the industry professional:**  Bachelors (Hons) (Electronic)

**Project Definition**

**1. Background and Rationale for the project**

Research project to support MobileDigital send Rich Communication Services (RCS) campaigns

through the mobile data network.

**Related technology:** Telco RCS protocol implementation of send data to mobile, REST API

builder, json, AWS API gateway

**2. Project goals and Objectives**

* Research and test ability to send RCS templates using REST API
* Verify adherence using Postman or HTTPIE
* Identify any changes to systems or processes that would need to be implemented to ensure the firm can implement the technology
* Develop a report of findings and present to management

**3. Project Resources**

* <https://chat.google.com/>
* https://meet.google.com

**4. Desired Outcomes/Deliverables**

* Project carried out in test environment
* Project designed to ensure message can mimic an RCS call and interpret it correctly

**5. Add any Other information you wish on the project**

All research based using postman or httpie to test incoming and outgoing calls and verifying

request adheres to RCS API

**6. Field of study**

Networking/Telco Student (Masters)

**7. Campus**

Sydney

**8. Application procedure**

1. 16th- 17th July student team assigned to project
2. 17th-20th July student induction
3. 23rd-27th July Student team meet and briefing
4. Project to commence after client meeting

**9. MIT academic assigned**

TBC

**10. Students assigned**

TBC