



Red Opal Innovations Staff Contact Directory: Client brief

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1. Introduction

The client, Red Opal Innovations (ROI), had previously contracted Gelos Enterprises (Gelos) to assist them with a Human Resources (HR) system. Due to a delay in implementing the HR system and the need to support remote employees immediately, they have asked Gelos to develop a mobile application for the Staff contact directory. This will **provide a staff listing** and **manage the contact information** of people who work within the company.

2. Functional requirements

ROI needs **an Android mobile application** to **manage contact information** of staff members.

The contact management mobile application should allow staff to:

- see a listing of all company staff profiles
- select a staff profile to view staff profile details
- allow staff profiles to be added or updated.

The Android mobile application needs to cater for the following:

- Operating system: Android
- Supported devices:
 - Mobile phones (portrait)
 - Tablet (landscape).

Screen dialogues/messages must be included to indicate successful actions. Error messages must be included where applicable and be useful and intuitive.

They would also like the mobile app to follow their branding (ROI Style Guide has been supplied).

3. Technical requirements

3.1 Data sources

The mobile application will communicate with a **remote data source** to retrieve, add and persist changes to profile information for staff members. The application should store the most up-to-date staff profile data locally in case an internet connection is unavailable.

3.2 Sample test data

You have been provided with the following **test data** for People and Departments:

Table 1 - Data document (People)

Id	Name	Phone	Department	Address: Street	Address: City	Address: State	Address: ZIP	Address: Country
1	John Smith	02 9988 2211	1	1 Code Lane	Javaville	NSW	0100	Australia
2	Sue White	03 8899 2255	2	16 Bit Way	Byte Cove	QLD	1101	Australia
3	Bob O'Bits	05 7788 2255	3	8 Silicon Road	Cloud Hills	VIC	1001	Australia
4	Mary Blue	06 4455 9988	2	4 Processor Boulevard	Appletson	NT	1010	Australia
5	Mick Green	02 9988 1122	3	700 Bandwidth Street	Bufferland	NSW	0110	Australia

Table 2- Data document (Departments)

Id	Name
0	General
1	Information Communications Technology
2	Finance
3	Marketing
4	Human Resources

4. Version control

#	Effective	Approved by	Updates
1.	01/10/2021	Christina Kaiser	
2.			