

# Chameleon Website Software Requirements and Specifications Document

<Final Version>



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## 1. Introduction

### 1.1 Purpose

The purpose of this document is to describe the software requirements and specifications (SRS) of the *Chameleon Website*. It serves as a website blueprint, outlining the site's primary objectives, target audience and key functionalities. It ensures a shared understanding amongst stakeholders, facilitating effective communication and guiding the development process. By providing clear and comprehensive specifications, this SRS document is instrumental in ensuring the final website aligns perfectly with Chameleon's goals and user needs.

### 1.2 Target Audience and Suggested Reading

This SRS document is intended for all potential *Chameleon Website* stakeholders, including customers, investors, developers, and maintainers. The reader is assumed to have a basic understanding of web applications and their hosting devices, including Google Firebase and React Native. A fundamental understanding of application databases, and user interface and user experience (UI/UX) design.

### 1.3 Project Scope

Chameleon is focused on developing smart city technology solutions to enhance urban living by improving efficiency, sustainability, and convenience. The purpose of the *Chameleon Website* is to provide a centralised location for all Chameleon related information and content, and to service a variety of stakeholders including staff, customers, and investors.

The scope of the *Chameleon Website* project encompasses the creation of a centralised digital platform that effectively communicates the company's purpose and vision, its smart city technology projects and solutions, highlights the benefits of smart city technology, and serves the informational and interactive needs of staff, customers, and investors. This includes the development of detailed project pages, news pages, support resources, company information, user profiles, and user-centric functionalities to engage different stakeholders in the smart city conversation.

### 1.4 Document Conventions Terminology

| Acronym | Term  |
|---------|---|
| API     | Application Programming Interface           |
| HTML    | HyperText Markup Language                   |
| CSS     | Cascading Style Sheets                      |
| JS      | JavaScript                                  |
| JSX     | JavaScript Extension                        |
| NPM     | Node Package Manager                        |
| AI      | Artificial Intelligence                     |
| IoT     | Internet of Things                          |
| ML      | Machine Learning                            |
| IDEs    | Integrated Development Environment Software |

|       |                                    |
|-------|------------------------------------|
| SQL   | Structured Query Language          |
| HTTPS | HyperText Transfer Protocol Secure |
| SSL   | Secure Socket Layer                |
| TLS   | Transport Layer Security           |

Table 1. Key Terms

## 2 Description

### 2.1 Product development perspective

From a product development perspective, the *Chameleon website* project is a dynamic and interactive platform that not only showcases the company's smart city projects and solutions but also serves as a hub for information and collaboration. The website development should be agile, with iterative cycles that incorporate user feedback to refine and enhance the user experience constantly. The website should be structured to support scalability, anticipating the future integration of new technologies and services as the company and its service offerings grow.

Key features should include an intuitive interface that allows for seamless navigation, real-time updates on smart city projects, a resource centre for in-depth knowledge sharing, and secure portals for staff and investors to access personalised information. The product development cycle must adhere to best practices in web security, ensuring data integrity and privacy for all users. Additionally, the development process should be inclusive, with accessibility considerations baked into the design to cater to a diverse user base.

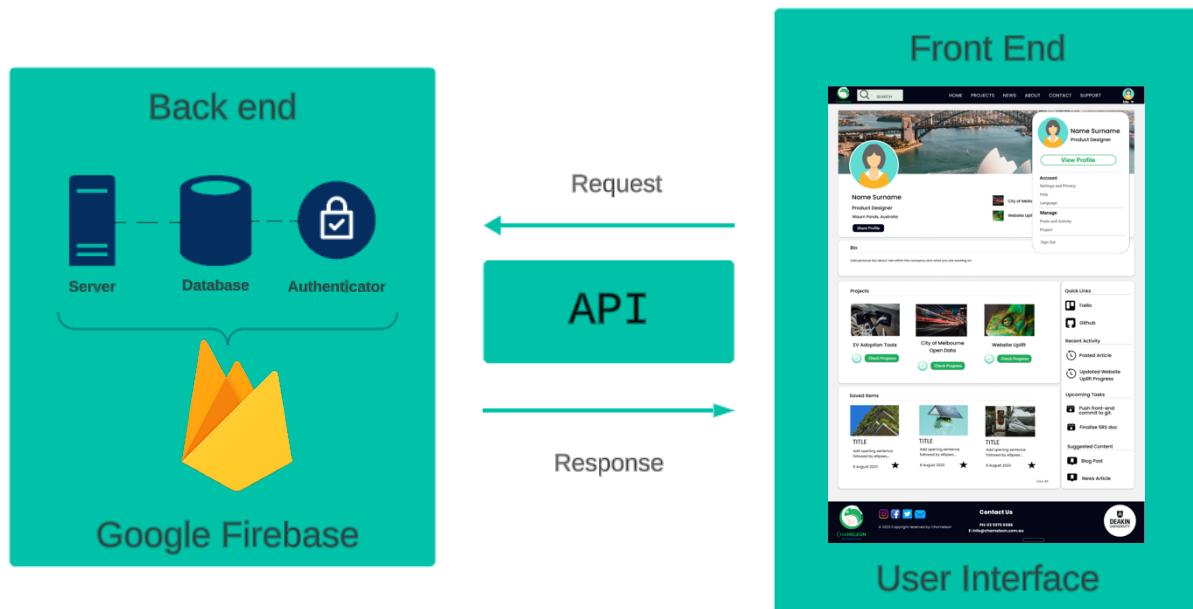


Figure 1: Chameleon Website Block Diagram

### 2.2 Main Functions

The main features of the *Chameleon Website* project include:

- **Search Bar:** Users are able to quickly find specific content on the website via the search bar. This function matches keywords.

- **User Profile:** Users who require enhanced functionality can create an account which allows them to customise their experience and track their interactions. It also enables users to manage their preferences, settings and access personalised information and updates.
- **Support Chatbot:** A support chatbot integrating AI and ML is included to provide instant support to website users, answering queries or guiding them through the website. It enhances user experience by offering personalised assistance and resolving issues or answering questions in real-time.
- **Payment feature:** For users wishing to make a donation to Chameleon research, information on how to support along with a payment feature is available on the support page. Chameleon accept the following payment methods: credit/debit cards, digital wallets (Apple Pay, Google Pay) and PayPal.
- **Favourites:** Users with a Chameleon profile can mark any articles or posts to their favourites to return to at a later date. These are stored on the user profile.
- **Task Assignment (staff only):** In addition to the above feature, Chameleon staff can view project progress and assign themselves to tasks.
- **Project Updates:** Project updates are designed with a comment feature that allows users to interact with updates, providing feedback or suggestions for ongoing projects. This is particularly important for customers and prospective investors.

### 2.3 Types of Users and their Characteristics

The target audience for the *Chameleon Website* is quite broad, covering four key user types: company employees (students), investors, customers, and the general public.

1. **Employees.** While promoting Chameleon products, the website is intended to also host a staff portal that allows employees to collaborate and communicate more effectively. Employees are integral users of the platform and seek information relevant to their roles, internal updates, and resources for professional development. They value efficiency, ease of access to internal systems, and clear communication channels. Investors, on the other hand, are primarily interested in financial reports, growth prospects, and strategic insights into smart city projects.
2. **Investors.** As a start-up, Chameleon is reliant on the financial support of investors and donors to not only improve its website capabilities, but to progress its service offers. Investors are primarily interested in financial reports, growth prospects, and strategic insights into smart city projects. They prioritize up-to-date, comprehensive, and transparent information that helps them make informed decisions.
3. **Customers.** Customers, ranging from individual users to business clients, are focused on specific smart city solutions that meet their needs. They appreciate detailed product information, user-friendly interfaces, and efficient customer support.
4. **General Public.** Anyone wishing to learn more about the Internet of Things (IoT), specifically smart city technology would benefit from the Chameleon Website. In particular, these users are seeking educational content and news updates about smart city initiatives. This group values accessibility, ease of understanding, and

opportunities to engage with the projects, such as through feedback or community involvement.

Reference A provides more information on the types of users and their requirements.

#### 2.4 Design and Implementation Constraints

As of December 2023, the following design and implementation constraints exist:

**Infrastructure limitations:** the *Chameleon website* is hosted on the Google Firebase no-cost Spark plan. This has several limitations: it restricts the number of resources you can use for free, including database reads and writes, hosting bandwidth, and cloud function invocations. Additionally, it limits the number of simultaneous database connections and has restrictions on some advanced features, such as machine learning capabilities.

**Budgetary constraints:** High-quality web development, especially for complex features like interactive maps or real-time data displays, can be costly (e.g., as is the case for the Chameleon EV Adoption Tools project). Ongoing costs for website maintenance, updates, and security measures also need to be budgeted for.

**Language constraints:** Offering content in multiple languages to cater to a diverse population can be resource intensive. At present the *Chameleon Website* does not cater for any languages other than English.

#### 2.5 Relevant Documents

The following documents provide additional design insights:

- A. Chameleon Website User Stories: [User Stories](#)
- B. Chameleon Website Use Cases: [Use Cases](#)

#### 2.6 User Documentation

User documentation is essential to guide and assist the *Chameleon Website* users outlined in section 2.3. User documentation should include a user manual that details how to navigate and use the various website features. Quick start guides for new users to get acquainted with the main functions quickly and troubleshooting guides to help resolve common issues. Additionally, there could be specific documents for different user roles: general users, employees, and website developers. Moreover, video tutorials or interactive walkthroughs could be available for more visual and engaging instruction, especially for less tech-savvy users. All these documents would aim to enhance the user experience, ensuring users can effectively interact with and benefit from Chameleon's website offerings.

#### 2.7 Assumptions

It is assumed that users will have a basic level of technical skill, including familiarity with computers or similar platforms. It is also assumed that they will have access to a stable internet connection with adequate speed and bandwidth.

### 3 External Interfaces

#### 3.1 User Interfaces

The user interface will be as simple and intuitive as possible, to make it easy for all users to navigate. It will also maintain consistent design and font styles, contain visual cues, and provide easy access to the application's major features. Draft UI Designs for key features of the website have been included below. The scaled mobile website low-fidelity and high-fidelity designs are attached at Annex A and Annex B respectively.

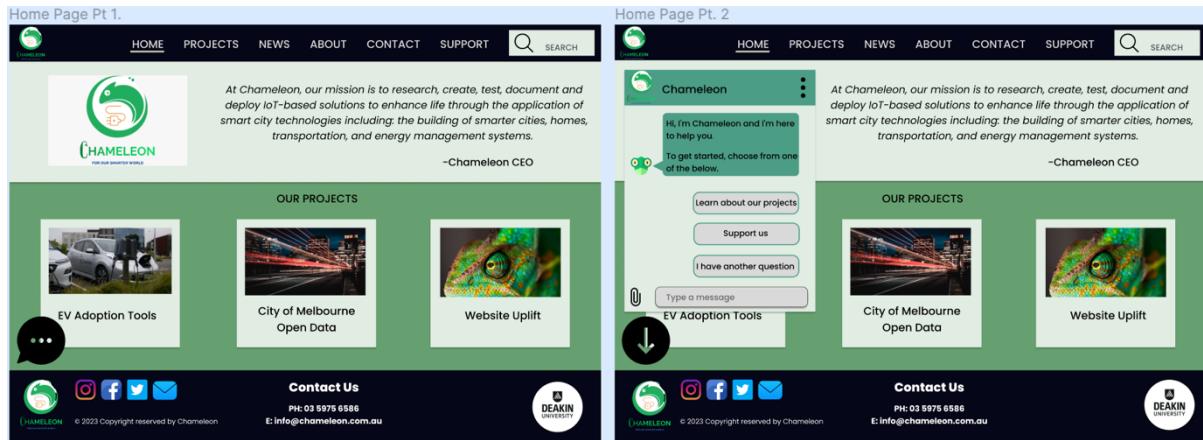


Figure 2. Home Page Design

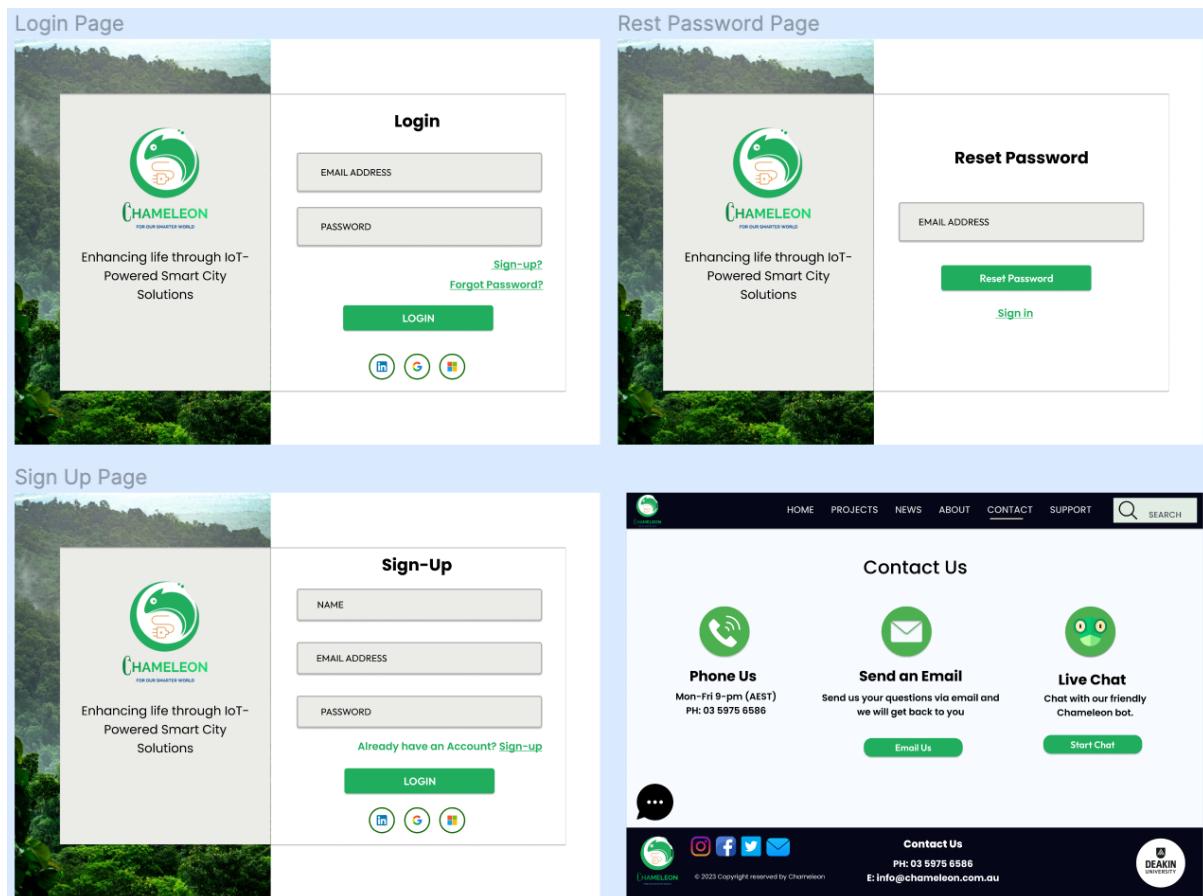


Figure 3. Login Pages and Contact Us Page

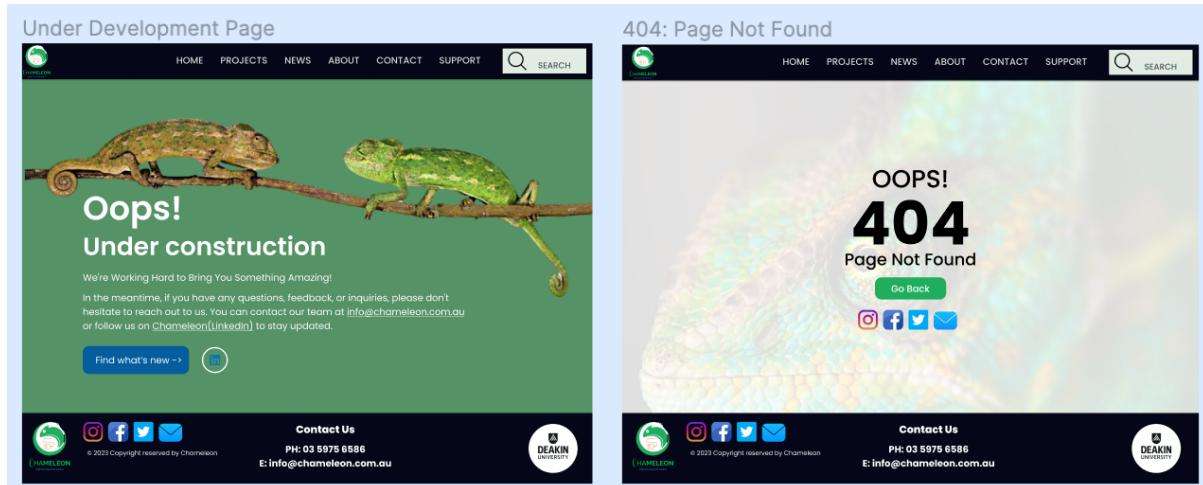


Figure 4. Error Pages

Figure 5. User Profile Page

**About Us Page**

**News Page**

The About Us Page features a video player, a mission statement, goals, and a FAQ section. The News Page shows a search bar, news cards, and a subscribe form.

Figure 6. About Us and News Page

**Projects Page**

The Projects Page displays four project cards: City of Melbourne Open Data, EV Adoption Tools, Chameleon Website, and City of Melbourne Open Data.

Figure 7. Projects Page

### 3.2 Hardware Interfaces

The hardware interfaces for the *Chameleon website* need to ensure compatibility and optimal performance across a range of devices. Given the cross-platform nature of React Native, the hardware must support both mobile and desktop environments, including the latest smartphones, tablets, and computers. The devices should have sufficient processing power, memory, and storage to handle dynamic content rendering and the interactive nature of Chameleon features, including any dynamic JSX UI components.

Moreover, the hardware should support modern web browsers that are compatible with Bootstrap's responsive design features, ensuring that the website displays correctly on screens of all sizes and resolutions. Touchscreen functionality should be considered for mobile and tablet interfaces, providing users with an intuitive and seamless experience. On the server side, the infrastructure needs to be robust enough to communicate effectively with Google Firebase services, including real-time database interactions and cloud functions, which requires stable internet connectivity and high bandwidth capabilities to accommodate potentially high traffic volumes.

### 3.3 Software Interfaces

#### 3.3.1 Operating Environment

The development environment for the *Chameleon Website* should be capable of supporting the React Native framework, ensuring that developers have access to the necessary tools for building and testing the application across different platforms. This includes compatibility with IDEs that support React Native development and debugging tools. The operating environment must also support Node.js to work with NPM for package management, allowing developers to install, update, and manage the software dependencies required for the website.

#### 3.3.2 Databases

*Chameleon Website*'s data layer will be powered by Google Firebase, which provides a suite of cloud-based services, including a real-time NoSQL database. The interface requirements for Firebase necessitate a stable internet connection for data synchronisation and the ability to handle JSON data structures. Integration with Firebase requires setting up secure authentication and efficient data retrieval and storage mechanisms within the application codebase. This allows for real-time updates to the user interface based on data changes, an essential feature for the dynamic data handling expected for the *Chameleon Website*.

#### 3.3.3 Languages

The primary languages used in the development of the smart city website will include JSX, which combines the capabilities of HTML, CSS, and JavaScript to define the structure and style of the user interface within React components. As JSX is not native to browsers, a transpilation process through a tool like Babel is required to convert JSX into standard JavaScript that can be executed in the browser environment. Additionally, developers will use Bootstrap's classes and components, which necessitate a working knowledge of CSS and HTML for styling and responsive design purposes. The software interface must be designed to support these languages and ensure they work harmoniously to deliver a seamless user experience.

### 3.4 Communication Interfaces

The communication interfaces for the *Chameleon Website* are critical to ensuring smooth interaction between the user-facing front end and the server-side backend, as well as with external systems. The site must support secure, robust, and efficient API calls to Google Firebase for database interactions, authentication, and other cloud services. This involves using HTTPS protocols for encrypted data transfer to protect sensitive information. Additionally, the front end, developed with React Native and JSX, should be designed to handle asynchronous data flow, allowing the UI to update dynamically and responsively as data is received without reloading the page.

The communication interface should also be able to manage error handling gracefully, ensuring that any interruptions in service do not significantly degrade user experience. It should be architected to scale with the anticipated user load and data volume, ensuring latency remains low and the system remains responsive under varying load conditions.

## 4 Functional Requirements (System Features)

### 4.1 Feature 1: User Registration/Login

#### 4.1.1 Description

The user registration and login feature allows users to create a new account and access their personal space on the website. This feature uses Google Firebase as its backend for user authentication and database management, ensuring secure sign-ups and logins.

#### 4.1.2 Acceptance Criteria

1. Users should be able to register for an account using their email address or via OAuth integrations with Google, Facebook, etc.
2. The registration process must include email verification to confirm the user's identity.
3. The login system must authenticate users through Firebase Authentication, providing secure access to their account.
4. Passwords must be stored securely in Firebase's database, and the system must never expose them in plaintext.
5. The login feature should include a password reset function that is straightforward and secure.
6. After successful login, users should be redirected to their personalised dashboard (user profile) or the last page they visited.
7. The system should log all registration and login attempts and flag any suspicious activities for review.
8. The registration and login system must comply with privacy laws and regulations, ensuring the user's data is handled securely.

### 4.2 Feature 2: User Profile

#### 4.1.1 Description

The user profile feature allows users to create a personalised Chameleon account to manage their website experience. This includes customising settings, tracking interactions, and receiving updates tailored to their interests and preferences.

#### 4.1.2 Acceptance Criteria

1. Users must be able to register for a new account using an email address and password.
2. The profile must allow users to manage personal settings and preferences.
3. Users should be able to track their past interactions and engagements with the site (e.g., articles read, comments made, favourited items).
4. The system must ensure the privacy and security of user data.
5. Personalised information and updates should be provided based on user behaviour and preferences.

### 4.3 Search Bar

#### 4.1.1 Description

The search bar feature enables users to efficiently locate specific content on the website by entering keywords. This utility scans through all website content, including pages, posts, and resources, matching the input keywords to relevant content, and presenting it to the user.

#### 4.1.2 Acceptance Criteria

1. The search bar must be prominently placed on all pages for easy access (e.g., in the Nav Header).
2. Search results should be relevant to the keywords entered by the user.
3. The search function must return results within 2 seconds under normal server load conditions.
4. The search bar should support predictive text and autocorrect features to enhance user experience.
5. Results should be sortable by relevance, date, and other applicable criteria.

### 4.4 Support Chatbot

#### 4.1.1 Description

An AI/ML-powered support chatbot offers real-time assistance to users navigating the website or seeking answers to queries. This feature provides immediate, automated responses to common questions and guides users through the website's various sections and features.

#### 4.1.2 Acceptance Criteria

1. The chatbot must be accessible from all pages on the website.
2. The chatbot should provide accurate and helpful responses to user inquiries.
3. It must be capable of handling a predefined set of queries and escalate to human support when necessary.

4. Response time should not exceed 5 seconds for each user interaction.
5. The chatbot should learn from interactions to improve future responses.

## 4.5 Payment

### 4.1.1 Description

The payment feature allows users to make financial contributions to support Chameleon research. This feature supports multiple payment methods, including credit/debit cards, digital wallets, and PayPal.

### 4.1.2 Acceptance Criteria

1. The payment system must securely handle transactions using SSL encryption.
2. It must accept multiple forms of payment, including major credit/debit cards, Apple Pay, Google Pay, and PayPal.
3. The system should provide clear instructions for users to complete their donations.
4. Upon transaction completion, the user should receive a confirmation message and email.
5. As the website accepts credit cards, the system must comply with PCI DSS and any relevant financial regulations.

## 4.6 Favourites

### 4.1.1 Description

Users with a Chameleon profile can bookmark articles or posts to a 'Favourites' list for easy access at a later time. These favourites are stored and managed within the user's profile.

### 4.1.2 Acceptance Criteria

1. Users must be able to add content to their favourites with a single click.
2. The favorited items should be readily accessible within the user's profile.
3. Users should be able to remove items from their favourites list.
4. The system should preserve the user's favourites list across different sessions and devices.
5. Favourites should be private and visible only to the user who saved them.

## 4.7 Task Assignment

### 4.1.1 Description

Exclusive to Chameleon staff, this feature allows viewing project progress and self-assigning tasks within a project management interface.

### 4.1.2 Acceptance Criteria

1. Only authenticated staff members must have access to task assignment features.
2. Staff should be able to view all tasks and their current status.

3. Staff must be able to assign and reassign tasks to themselves or other team members.
4. Changes in task assignment should be tracked and logged for accountability.
5. The interface should update in real-time to reflect changes in task status or assignment.

## 4.8 Project Updates

### 4.1.1 Description

Project updates are provided with a comment feature that allows customers and investors to give feedback or suggestions. This facilitates interaction and engagement on ongoing projects.

### 4.1.2 Acceptance Criteria

1. Project updates must be posted in a timely and regular manner.
2. Users must be able to post comments on updates with ease.
3. The comment feature should include moderation tools to prevent spam or inappropriate content.
4. There should be a system in place to notify project owners of new comments and feedback.
5. The comment section should be structured to encourage constructive dialogue and feedback.

## 4.9 Light/Dark Mode Toggle

### 4.1.1 Description

The dark mode/light mode toggle feature allows users to select their preferred theme for the website's interface. This feature provides an alternative to the default light mode with a darker colour scheme designed to reduce eye strain in low-light conditions and offer aesthetic personalisation. The toggle setting is accessible through the user's profile settings and is applied across the entire website interface.

### 4.1.2 Acceptance Criteria

1. Users must be able to switch between dark and light modes from their profile settings or a visible toggle on the website interface.
2. The selected mode should persist across different browsing sessions and devices once the user is logged in.
3. The mode change should be instant, with no need to refresh the page or restart the session.
4. All website components, including text, backgrounds, and UI elements, should be fully compatible with both modes, ensuring readability and visual accessibility.
5. The website should remember the user's preference for future visits, applying the selected mode automatically upon user login.

6. The feature must be tested for consistency across different browsers and devices to ensure a uniform user experience.
7. Changes between modes should not affect the website's performance or functionality.

## 5. Non-Functional Requirements

### 5.1 Performance

Performance requirements define the responsiveness of the website and the efficiency with which it processes requests and delivers content. The website should load pages within 2 seconds to ensure a swift user experience. It must efficiently handle multiple concurrent user sessions and operations without significant degradation in response times. Performance metrics should be continuously monitored, and the website should be optimised for fast database queries, especially under peak traffic conditions.

### 5.2 Scalability

Scalability is the website's ability to handle growth in users, data, and transaction volume without compromising performance. The system should be designed to scale horizontally, adding more servers or resources as demand increases. It must accommodate an increasing number of users, data throughput, and concurrent transactions, both in the short term and as long-term growth is projected.

### 5.3 Reliability and Availability

Reliability and availability pertain to the website's uptime and its ability to function correctly over time. The website should aim for 99.9% uptime, with redundancy built into the hosting environment to prevent downtime. Regular system checks and failover mechanisms should be in place to ensure continuous operation, and the system should automatically recover from non-critical errors without user intervention.

### 5.4 Security

Security requirements should protect the website and its data against unauthorised access, breaches, and other cyber threats. Data transmission should be encrypted using SSL/TLS, and sensitive data must be encrypted at rest. The website should adhere to industry-standard security practices, including regular security audits, penetration testing, and compliance with relevant data protection regulations.

### 5.5 Usability

Usability requirements focus on the ease with which users can navigate and interact with the website. The interface should be intuitive, requiring minimal instruction for users to perform desired actions. Accessibility standards (e.g., Web Content Accessibility Guidelines) must be met to ensure that the website is usable by people with disabilities. User feedback should be gathered regularly to inform usability improvements.

### 5.6 Maintainability

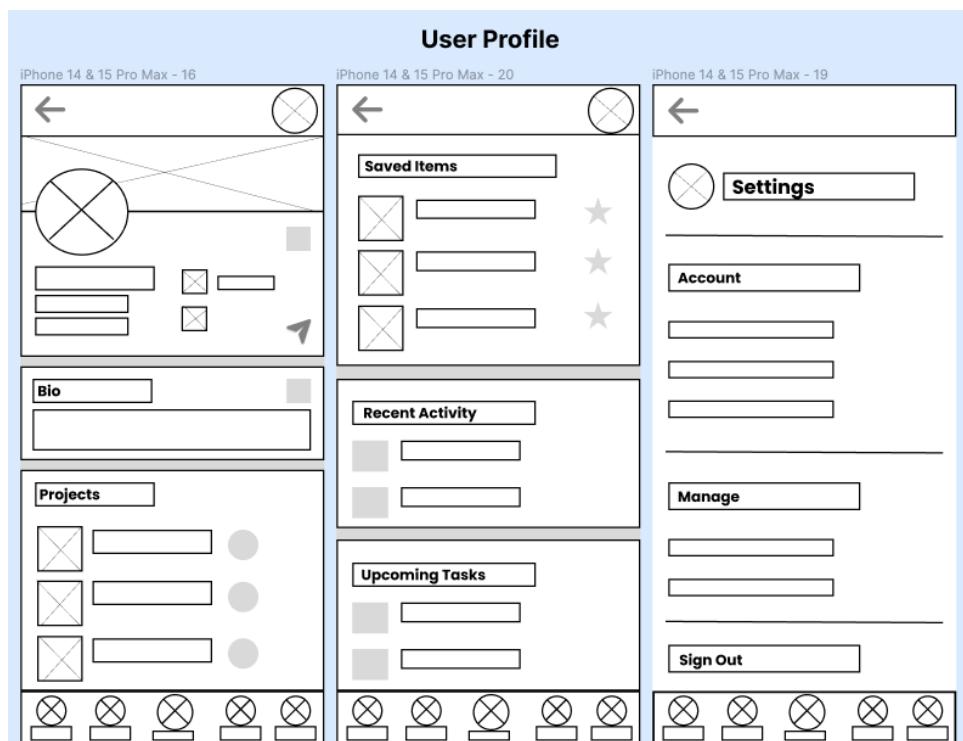
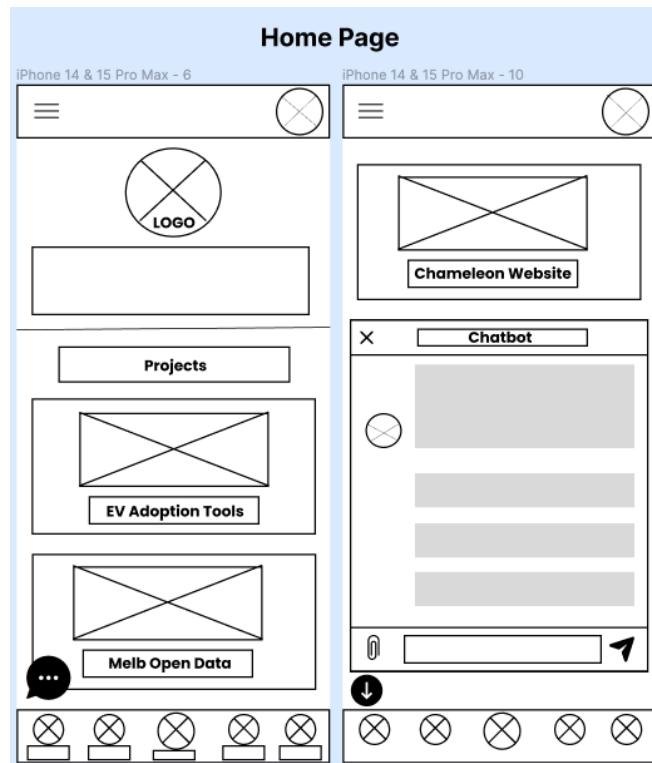
Maintainability concerns the ease with which the website can be updated, modified, and extended. The codebase should be well-documented, adhere to coding standards, and be

structured to allow for easy updates and bug fixes. The website should support modular updates and use version control systems to manage changes in the software.

### 5.7 Backup and Recovery

Backup and recovery requirements ensure that all system data can be restored in case of loss or corruption. The website should implement automated, regular backups of all data, which are stored securely in multiple locations. Recovery procedures should be tested periodically to confirm that they can be executed quickly and effectively in the event of data loss.

## Annex A: Low-Fidelity Mobile Designs



### About Us

iPhone 14 & 15 Pro Max - 26

iPhone 14 & 15 Pro Max - 27

### Support Page

iPhone 14 & 15 Pro Max - 28

### Projects Page

iPhone 14 & 15 Pro Max - 8

iPhone 14 & 15 Pro Max - 7

### News Page

iPhone 8 - 1

## Login/Sign-Up Page

iPhone 14 & 15 Pro Max - 31

iPhone 14 & 15 Pro Max - 32

iPhone 14 & 15 Pro Max - 33

## Contact Page

iPhone 14 & 15 Pro Max - 34

## Not Found Page

iPhone 14 & 15 Pro Max - 44

## Under Construction Page

iPhone 14 & 15 Pro Max - 49

**Donation Page**

iPhone 14 & 15 Pro Max - 65

iPhone 14 & 15 Pro Max - 57

iPhone 14 & 15 Pro Max - 58

iPhone 14 & 15 Pro Max - 59

iPhone 14 & 15 Pro Max - 60

iPhone 14 & 15 Pro Max - 61

iPhone 14 & 15 Pro Max - 62

iPhone 14 & 15 Pro Max - 63

**iPhone 14 & 15 Pro Max - 65**

**Donation Amount**

- \$10
- \$20
- \$50
- \$100
- \$150

**Other Amount**

\$ Enter your donation amount

Select Payment Method

**iPhone 14 & 15 Pro Max - 57**

**Select Payment Method**

Donate with pay

Donate with paypal

Add a Payment Method

**iPhone 14 & 15 Pro Max - 58**

**Add Payment**

**Scan Card**

Name On Card

Card Number

Expiry Date Security Code

ZIP/Postal Code

Donate with this card

**iPhone 14 & 15 Pro Max - 59**

**Add Payment**

**Scan Card**

Name On Card

Card Number

Expiry Date Security Code

ZIP/Postal Code

Donate with this card

**iPhone 14 & 15 Pro Max - 60**

**Add Payment**

**Scan Card**

Name On Card

Card Number

Expiry Date

Confirm Payment Method?  
The donation will process after hitting the confirm button.

Cancel Confirm

ZIP/Postal Code

Donate with this card

**iPhone 14 & 15 Pro Max - 61**

Your donation payment is processing...

Processing

**iPhone 14 & 15 Pro Max - 62**

Your donation payment has been processed

Successed

Thank you for your support!

**iPhone 14 & 15 Pro Max - 63**

Your donation payment has been declined

Declined

Go Back

The image shows two side-by-side mobile application interface designs for iPhone models.

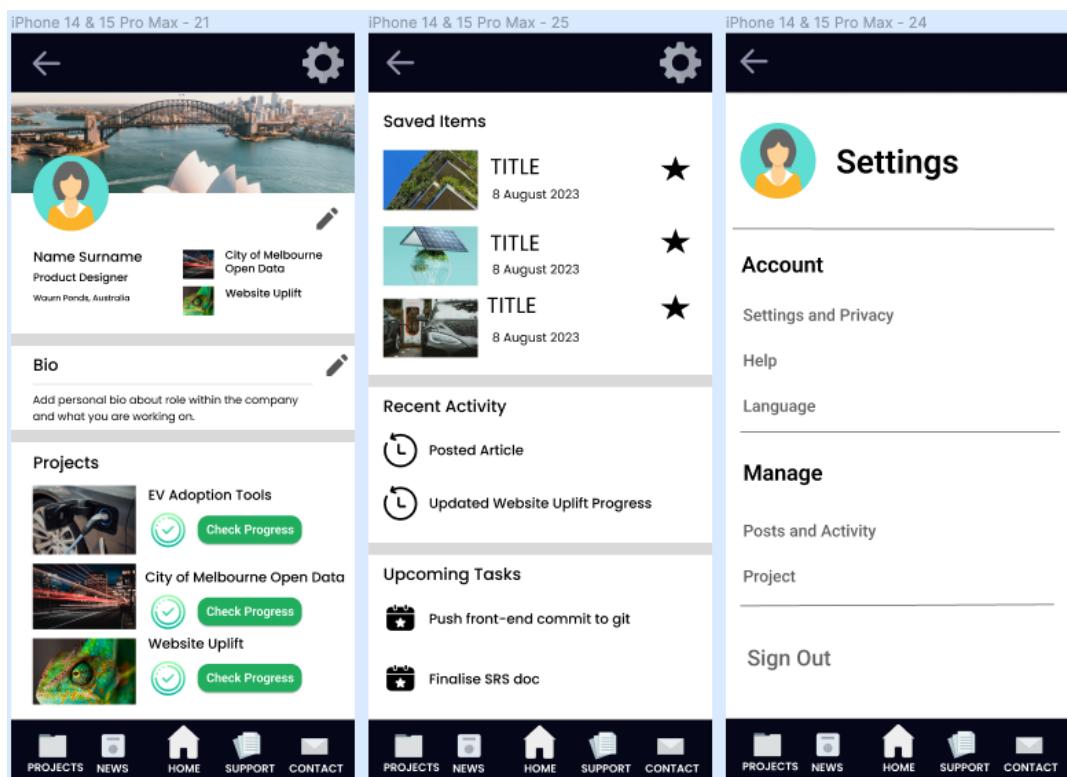
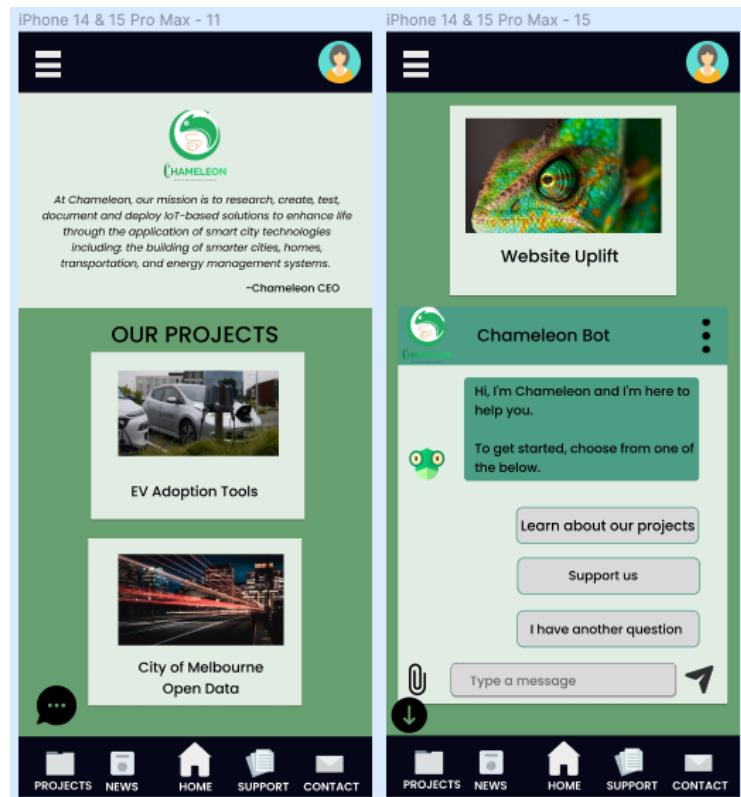
**iPhone 14 & 15 Pro Max - 69:**

- Top bar: Back arrow icon.
- Section: **Settings** (with a circular icon containing a crossed-out symbol).
- Section: **Account** (with three placeholder boxes below it).
- Section: **Manage** (with three placeholder boxes below it).
- Section: **Donation History** (with a list of six items, each showing a date and time followed by '\$XXXX AUD').
- Bottom bar: **Sign Out**.
- Bottom row: Five circular icons with crossed-out symbols.

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- Top bar: Back arrow icon.
- Section: **Donation History** (with a list of six items, each showing a date and time followed by '\$XXXX AUD').
- Bottom bar: **Donate Now**.
- Bottom row: Five circular icons with crossed-out symbols.

## Annex B: High-Fidelity Mobile Designs



### About Us

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**About Us**

Chameleon aims to utilise the Internet of Things (IoT), which is an ecosystem consisting of web-enabled smart devices such as phones, suburban traffic systems and domestic appliances, that all use embedded systems, such as processors, sensors, and communication hardware, to collect, send and act on data they acquire from their environments.

**Our Missions**

At Chameleon, our mission is to research, create, test, document and deploy IoT-based solutions to enhance life through the application of smart city technologies including: the building of smarter cities, homes, transportation, and energy management systems.

**Achievements**

|  |         |
|--|---------|
|  | 50,000  |
|  | 43,850+ |
|  | 10,000+ |
|  | 12      |

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### Support Page

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**Our Missions**

At Chameleon, our mission is to research, create, test, document and deploy IoT-based solutions to enhance life through the application of smart city technologies including: the building of smarter cities, homes, transportation, and energy management systems.

**Achievements**

|  |         |
|--|---------|
|  | 50,000  |
|  | 43,850+ |
|  | 10,000+ |
|  | 12      |

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### Support Page

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**Frequently Asked Question**

- What is Chameleon?
- What projects does Chameleon have?
- Membership
- How do I contact Chameleon?

**More Questions? Send to Us.**

Name

Email

**Submit**

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### Projects Page

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**Projects**

**EV Adoption Tools**

The EV Adoption Tools project focuses on developing innovative solutions to accelerate the adoption of electric vehicles. We aim to enhance accessibility, awareness, and efficiency in the electric vehicle ecosystem....

**GITHUB** **LEARN MORE**

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### News Page

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**Latest News**

**City Of Melbourne Open Data**

The City Of Melbourne Open Data focuses on promoting the use of Open Data by businesses, researchers, and software developers. The project involves the development of an educational platform that showcases the practical applications of Open Data.....

**GITHUB** **LEARN MORE**

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### News Page

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**Latest News**

**TITLE**

The EV Adoption Tools company announces a groundbreaking partnership with major electric vehicle manufacturers to further advance sustainable mobility solutions.....

23 September 2022

< 1 2 3 >

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## Login/Sign-Up Pages

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**LOGIN**

EMAIL ADDRESS  
PASSWORD

Sign-up?  
Forgot Password?

LOGIN

**SIGN-UP**

NAME  
EMAIL ADDRESS  
PASSWORD

Already have an Account? Login

SIGN UP

**RESET PASSWORD**

EMAIL ADDRESS

Reset Password

Sign in

Facebook icon, Google icon, Microsoft icon

**Contact Page**

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**Contact Us**

**Phone Us**  
Mon-Fri 9-5pm (AEST)  
PH: 03 5975 6586

**Send an Email**  
Send us your questions via email  
[info@chameleon.com.au](mailto:info@chameleon.com.au) and we will get back to you

Email Us

**Live Chat**  
Chat with our friendly Chameleon bot

Start Chat

Projects News Home Support Contact

**Page Not Found**

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OOPS!  
**404**  
Page Not Found

Go Back

Instagram icon, Facebook icon, Twitter icon, Email icon

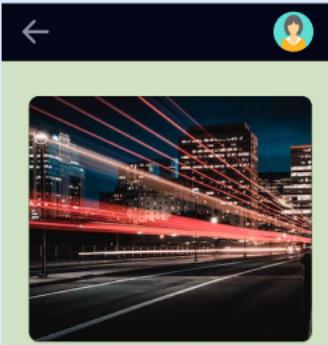
Contact Us  
PH: 03 5975 6586  
[info@chameleon.com.au](mailto:info@chameleon.com.au)

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**Donation Page : Hi-Fi**

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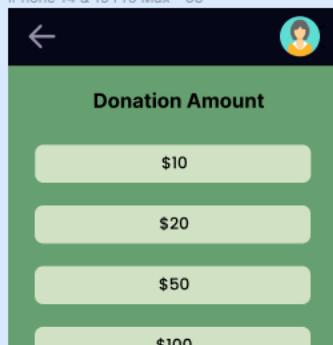
**The slightest help from you, will mean a lot to us**

At Chameleon, our mission is to research, create, test, document and deploy IoT-based solutions to enhance life through the application of smart city technologies including: the building of smarter cities, homes, transportation, and energy management systems.

**Donate Now**

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**Donation Amount**

\$10  
\$20  
\$50  
\$100  
\$150

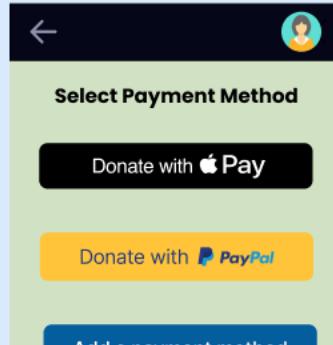
**Other Amount**

\$

**Select Payment Method**

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**Select Payment Method**

**Donate with Apple Pay**

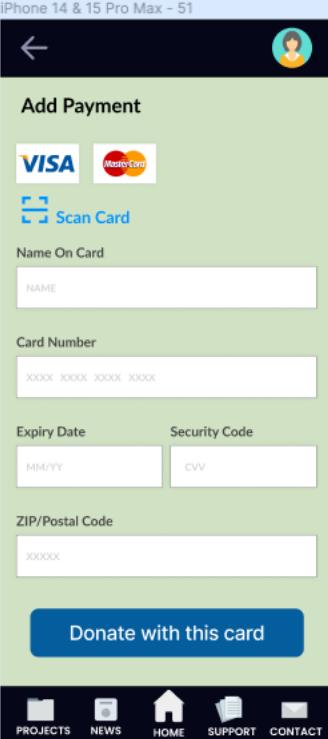
**Donate with  PayPal**

**Add a payment method**



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**Add Payment**

 Scan Card

Name On Card

Card Number

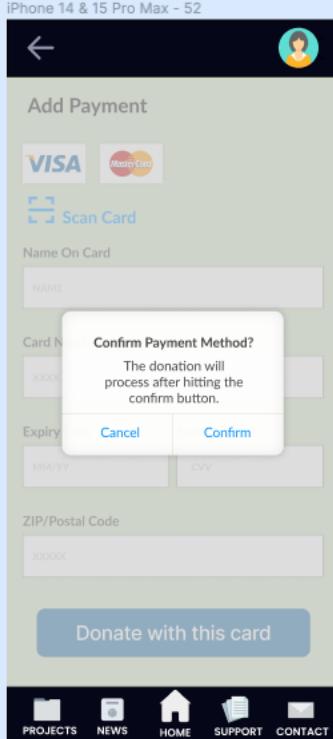
Expiry Date  Security Code

ZIP/Postal Code

**Donate with this card**

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**Add Payment**

 Scan Card

Name On Card

Card Number

Expiry Date  Security Code

ZIP/Postal Code

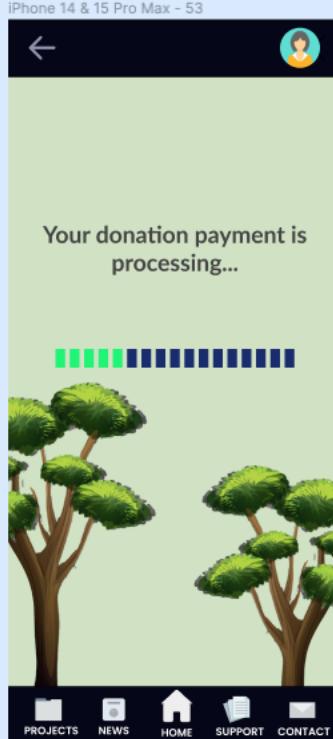
**Confirm Payment Method?**  
The donation will process after hitting the confirm button.

**Cancel** **Confirm**

**Donate with this card**

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Your donation payment is processing...





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The image displays three side-by-side screenshots of a mobile application interface, likely for a charity or non-profit organization, showing different outcomes of a donation process.

**Screenshot 1 (Left): Success**  
Your donation payment has been processed  
 Successed  
Your generosity fuels our mission.  
Thank you for your support!

**Screenshot 2 (Middle): Decline**  
Your donation payment has been declined  
 Declined  
Please provide a valid payment method to continue the payment process.  
[Go Back](#)

**Screenshot 3 (Right): Donation History**  
You've supported more than \$500 AUD   
Thank you for your support!  

|                  |           |
|------------------|-----------|
| 24/06/2018 08:30 | \$5 AUD   |
| 21/07/2018 18:40 | \$10 AUD  |
| 01/09/2018 14:20 | \$5 AUD   |
| 30/09/2018 05:23 | \$100 AUD |
| 26/10/2019 08:30 | \$520 AUD |
| 14/03/2020 01:30 | \$50 AUD  |
| 29/08/2021 08:30 | \$3 AUD   |

  
[Donate Now](#)

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PROJECTS NEWS HOME SUPPORT CONTACT

PROJECTS NEWS HOME SUPPORT CONTACT