

# COMP30022- Artifacts Register User Specifications

## Basic requirements

- Web application
  - *The register should have both computer- and mobile-based formats*
- Log-in and user profiles

## Non-functional program requirements

- Security/privacy
  - *Users should only be able to access their own family's content*
- Flexibility
- Usability

## Functional program requirements

- Add, remove and edit items
- Access and visibility control
  - *Admins should be able to designate access roles and everyone should be able to show or hide information on their own items*
- Collection search
  - *Users should be able to search different attributes e.g. title, owner, category*
- Collection organisation
  - *Users should be able to define their own collections and categories, and be able to order them*
- Information flexibility
  - *Users should be able to choose what information to supply to the database*
- Invitation system
- Item PDF report generation

## Information requirements

### Items

- Basic Info
  - Title
  - Categories
  - Images
  - Description / dimensions

- Condition report
- History
  - Place of origin
  - Date of origin (e.g. c.1849, Bronze Age)
  - Original purchase price
  - When acquired
  - Owner history
  - History
- Valuation and Finance
  - Estimated value range
  - Valuer
  - Insured value
  - Insurer
  - Certificates of authenticity
- Current Info
  - Current location kept
  - Whether a special license is required (e.g. gun license)
  - Sale status
  - Current owner (e.g. user, family trust)
  - Whether in storage or displayed
  - Access rights

## Users

- Name
- Access rights

## Other requirements

- On pages where multiple items are displayed, they should be displayed in a summary format.