IMMIGRATION

By Team Immigration

Team Immigration

- Agung Wirayogi (Scrum Master)
- Fatin Shahrol
- Yangyang Xu
- Yue Han Loke
- Zaim R Hamdan
- Zun Tian Tan

Queensland State Archives

- Queensland State Archives connects Queenslanders with their past.

- 11 open datasets relating to immigrant ships arriving in Queensland with assisted passengers.

- Compiled from original records in the collection of Queensland State Archives.

- Most highly valued and commonly used datasets for family history research.

- Assisted immigration 1848 to 1912, Register of immigrants 1864 to 1878, Register of immigrants Brisbane 1885 to 1917 indexes.

Immigration

Project Goals

1. To bring the datasets to life through data visualization and infographics

2. Provide visualized datasets for anyone to discover new discoveries, linkages and trends easily.

3. Allow users to search for immigrant records.

4. Allow users to place order for search result through email.

Immigration

Target Users

- Anyone from a casual user to academic researchers, e.g.
  - Family members searching for family history
  - Academic researchers trying to find a greater understanding of immigration from 1848 - 1917.

Immigration - Solution and major design factors

- Multi-browser supported website (IE, Chrome, Firefox, Microsoft Edge)

- Infographics, e.g.
  1. Top 10 ships' with the highest voyages,
  2. Top 10 first names of immigrants

Immigration - Solution and major design factors
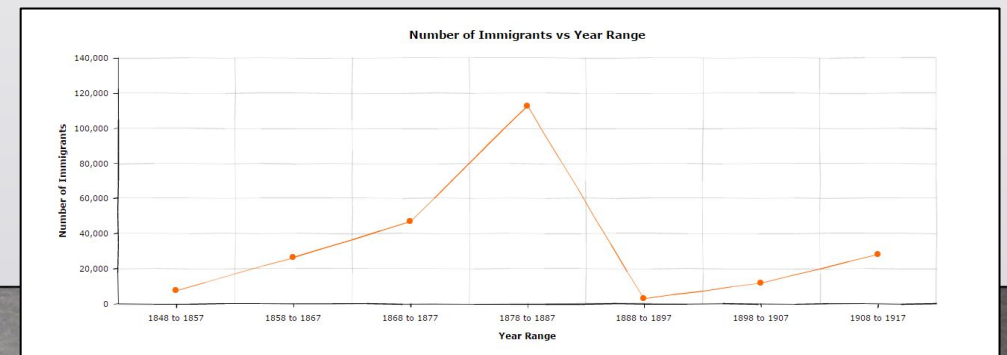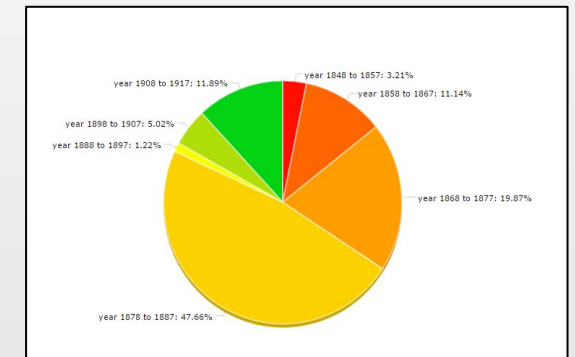
- Data Visualization
  1. Charts
     - Line chart and pie chart based on selected x-axis and y-axis.
  2. Ships Voyages
     - Across 1848-1917

- Search feature
 - Family Name, First Name, Year, Date, Age and Applicant

Immigration - Solution and major design factors

- Data Cleansing
  1. Analysis
  2. Data Standardization
     - Automated with Python and Java code

- Merging Datasets

Id	Name	Age	Ship	Applicant	Date	Page	Prev_Sys_Loc	QSA_item	Microfilm_1	Microfilm_2	Dataset
1	A UNKNOWN Stowaway	n/a	Yarrawonga	n/a	24 May 1898	612	n/a	18488	Z1967	M1706	assisted_immigrant
2	A UNKNOWN Thomas	26	Perthshire	n/a	26 Dec 1910	328	n/a	18490	Z1968	M1707 M170	assisted_immigrant
3	AABLAD Ida Marie	20	Reichstag	n/a	1 Aug 1872	231	n/a	18476	Z1958	M1697	assisted_immigrant

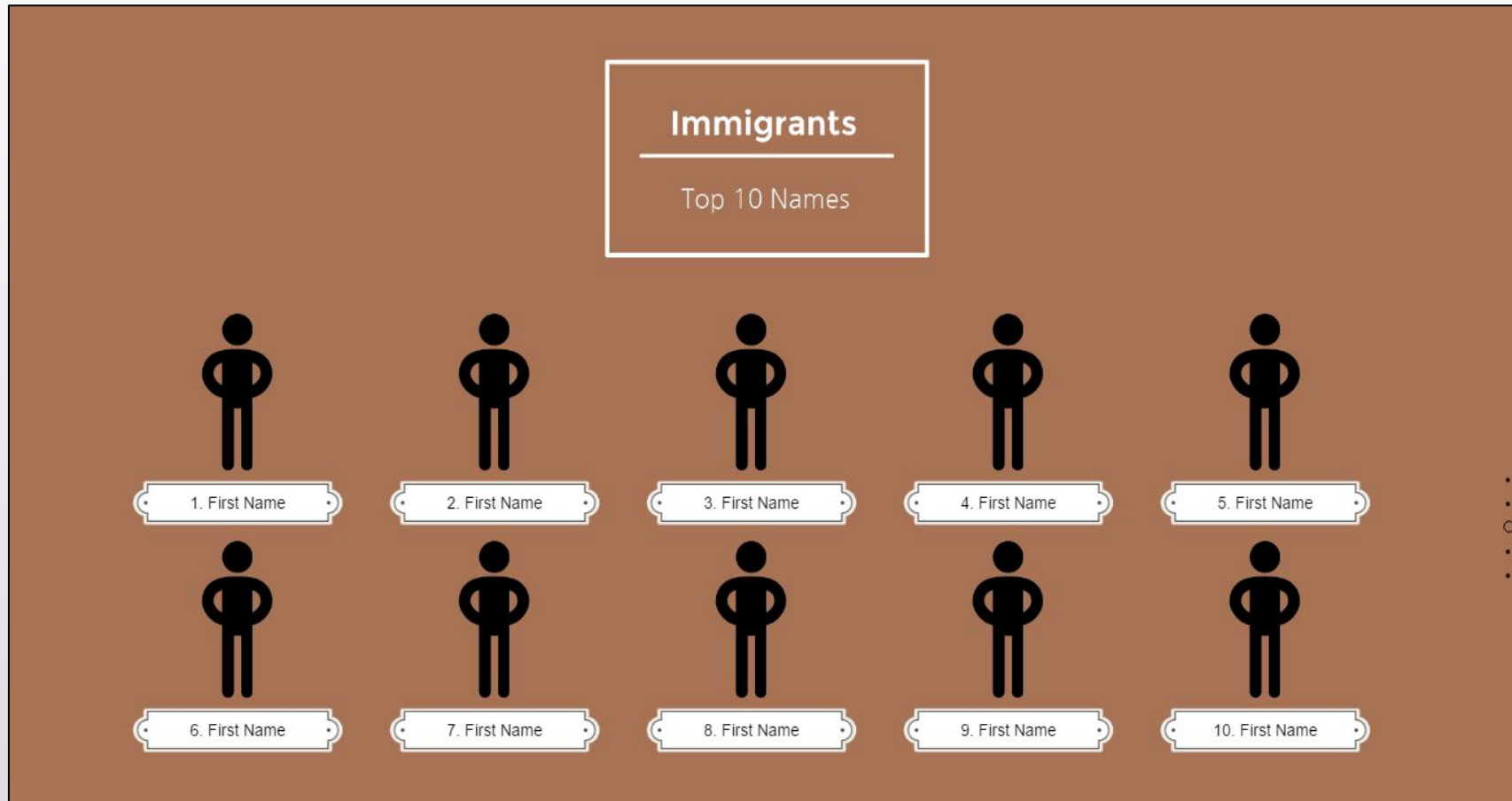# Design Walkthrough - Home Page
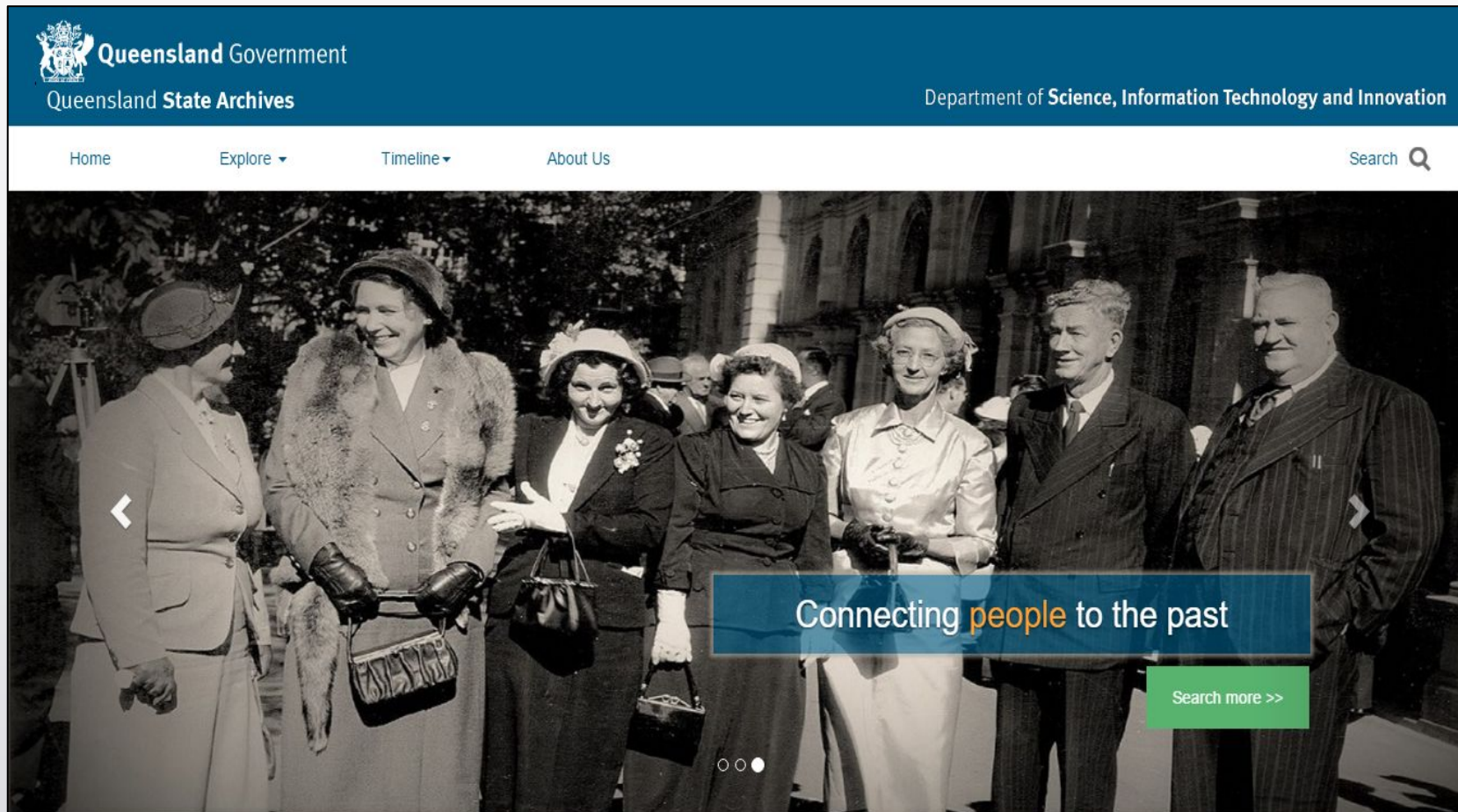
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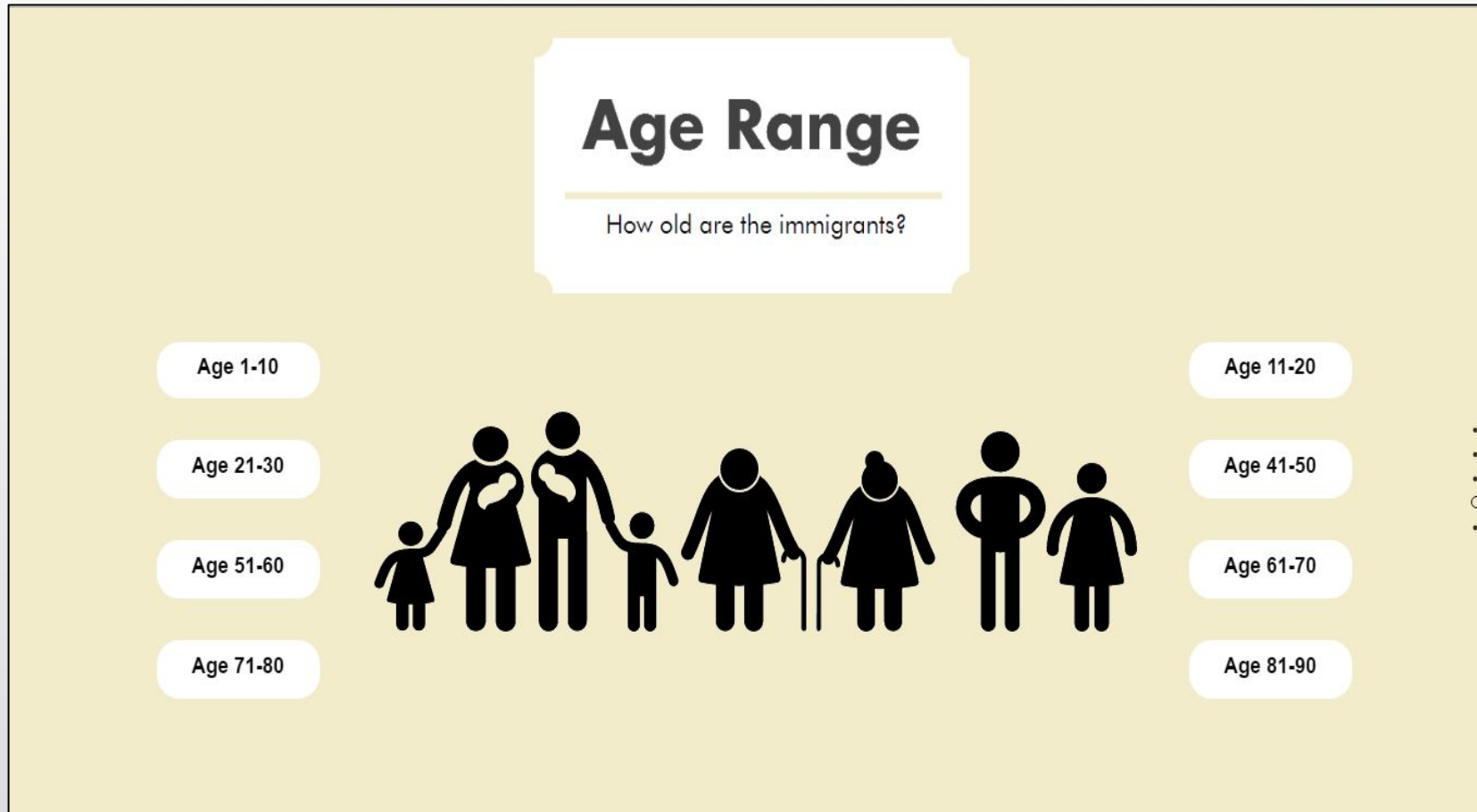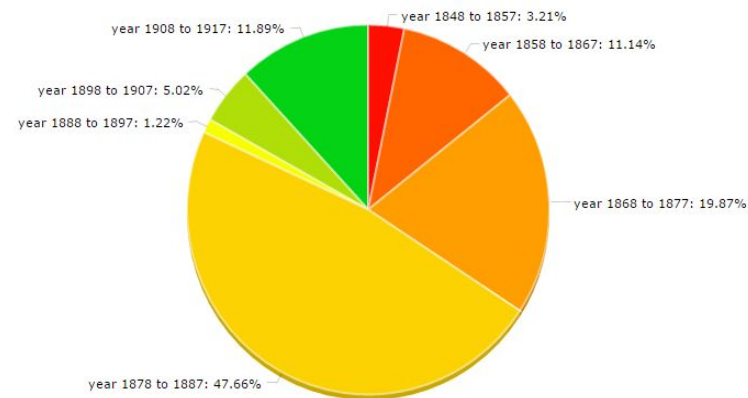
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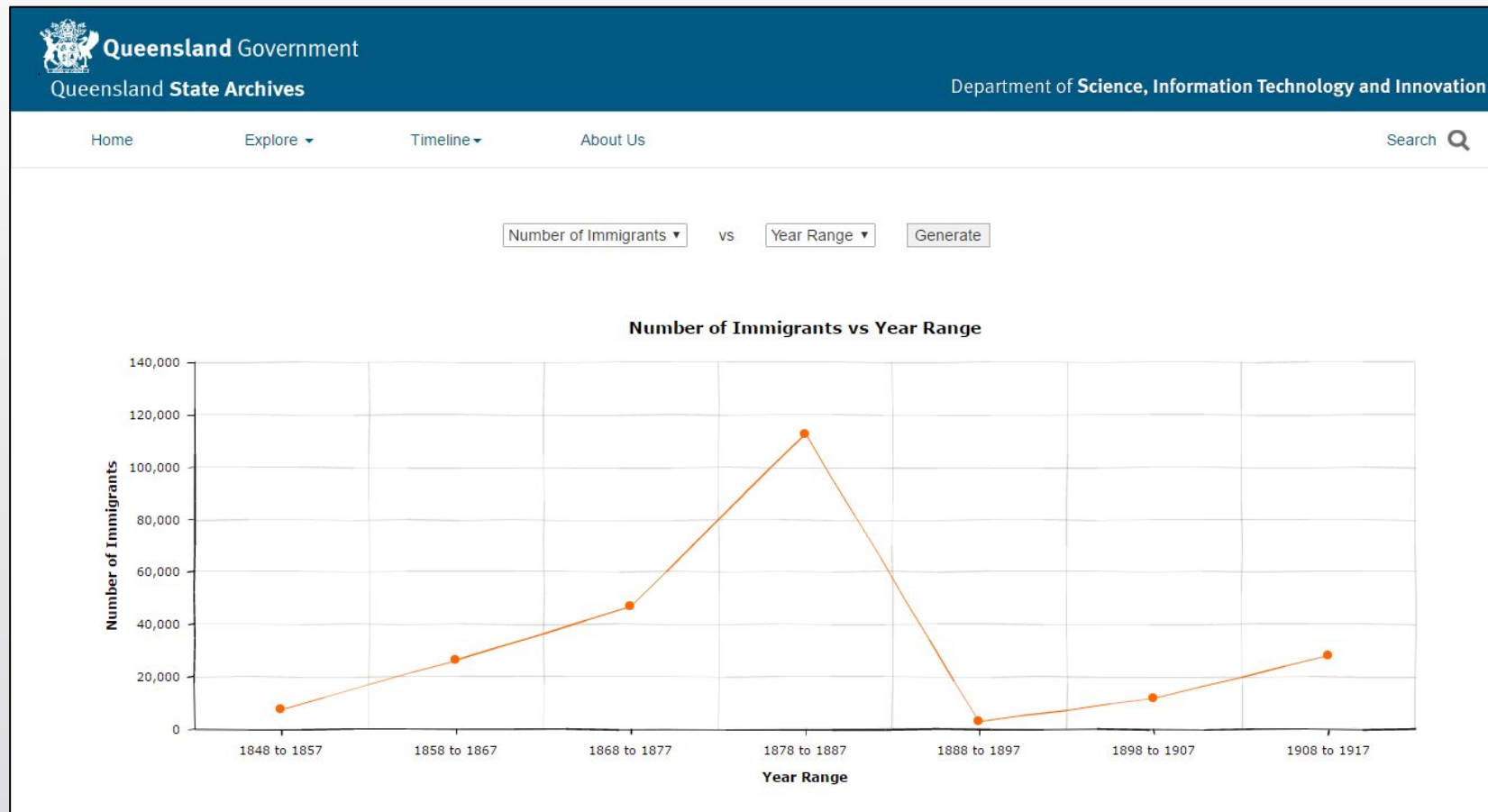
Design Walkthrough - Infographic

Design Walkthrough - Infographic

Design Walkthrough - Charts

Design Walkthrough - Charts

Design Walkthrough - Search

Search Immigration Data

Family Name: Enter family name

First Name: Enter first name

Year: 1850 — 1900

Date: Month ▼ Day ▼
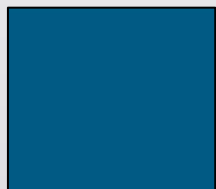
Ship Name:

Age:

Applicant:

Reset All   Search
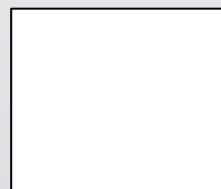
Design Walkthrough - Colours
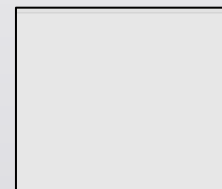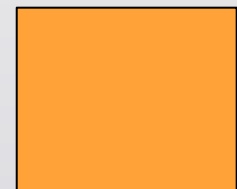

#005A84   #58B36F   #FFFFFF   #E7E7E7   #FFA339

Project Development Methodology

- Weekly Scrum
    - Stand up for 15 minutes
    - What did I do in past week?
    - What will I do in the past week?
    - What are the challenges I faced?

- Sprint Meeting - Every 2 weeks

- Sprint Review
    - Review and plan
    - Present the part of the work that is completed to client

		Recommended Skills
Scrum Master	- php - JavaScript - Python - Jquery - JSON - XML - AJAX - CSS - HTML - MySQL - photoshop	- Help the product owner maintain the product backlog - Help the team to determine the definition of done for the product - Coach the team, within the scrum principles, in order to deliver high-quality features for its product - Promote self-organization within the team - Facilitate team events to ensure regular progress
Team		- Self-organized - Good discipline - Ability to take responsibility - Committed - Take accountability and ownership

Thank You

Q&A