

## IASC 3F92 Project Statement of Work – 2016-10-20

For the *Welland Canal Fallen Workers Digital Exhibit* the IASC 3F92 class will build a searchable historical database which honours each of the 137 workers who died constructing the fourth Welland Canal between 1914 and 1935:

- the database will be housed in a touch screen kiosk that will serve as a permanent exhibit at the St. Catharines Museum which is serving as the project sponsor. (The kiosk may possibly be transported to other local area museums.)
- the exhibit will complement the City of St. Catharines' Welland Canal Fallen Workers Memorial which is scheduled to open in Summer, 2017
- the audience for the exhibit will be Grade 9 and above
- in addition to the database, the exhibit will include introductory content which establishes the historical context and importance of the Welland Canal (e.g., its contributions to Canada's economic development), collated data for the workers who died, and an overview of the Welland Canal Fallen Workers Memorial project
- if feasible, the database will be editable so that it can be updated by St. Catharines Museum personnel
- the exhibit will adhere to best practices in design and comply with OADA accessibility requirements
- the exhibit will include the following pages/fields:
  - home page (i.e., introductory content)
  - index page of names (137 listed alphabetically with sort/filter/random functionality)
  - search page

- record page (one for each of the 137 fallen workers). Fields:
  - name (text)
  - photo (image)
  - date of birth (date)
  - place of birth (text)
  - date of death (date)
  - place of death (text)
  - cause of death (text)
  - age (integer)
  - residence (text)
  - occupation (text)
  - employer (text)
  - ethnicity (text)
  - marital status (text)
  - survived by (text list)
  - Inquest held (boolean)
  - commentary (text)
- additional thematic pages (pending time). For example:
  - equipment that was used to build the Welland Canal
  - worker safety
  - Welland Canal image gallery
- credits page