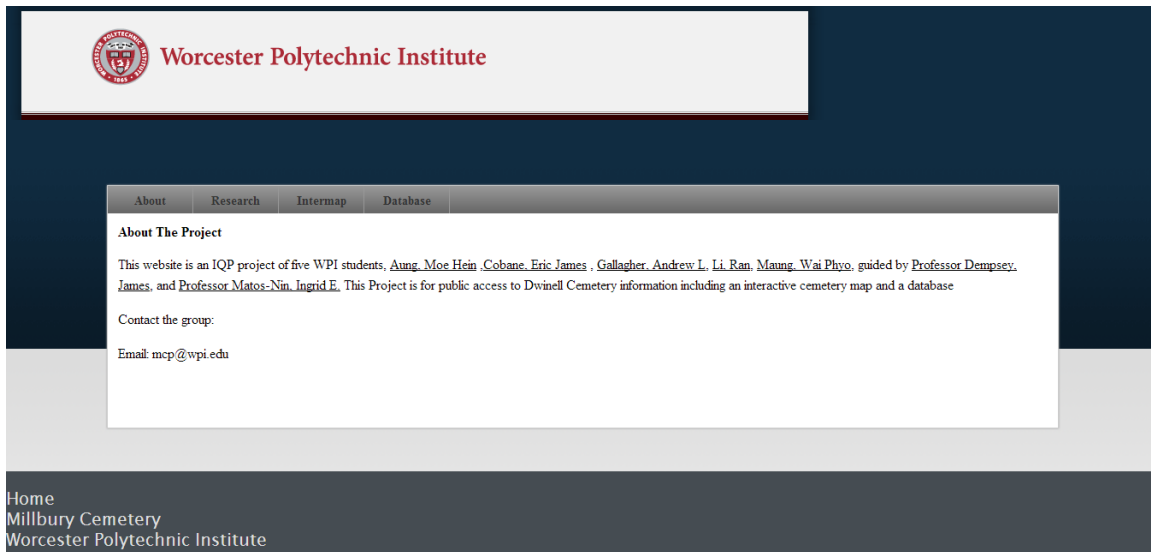# Ran' IQP work List through A and B term

1. Field study(details of pic and videos are in dropbox)
2. Collect data from the radar laptop into 34 files(details in dropbox).
3. Collect info for tome stones of both cemeteries into excel sheets(details in dropbox)..
4. Documents(all in dropbox):
   a. Methodology for renaming images
   b. Methodology of structure design
   c. Methodology of field antenna sampling
5. Websites: (http://wpicemetery.herokuapp.com/)

6. Interactive map:

7. Database system:

Tombstone Information Table.

Add Data
Delete Data
Query Data
Edit Data
Display Database
Back to Main

number from map	first name	last name	middle name	birth month	birth date	birth year	death month
1	Edmond	Barton	unknown	unknown	unknown	unknown	unknown
2	Anna	Barton	unknown	unknown	unknown	unknown	unknown
3	Hannah	Bouttell	unknown	unknown	unknown	unknown	unknown
4	Gideon	Barton	unknown	unknown	unknown	unknown	unknown
5	Elijah	Barton	unknown	unknown	unknown	unknown	unknown
6	Siley	Barton	unknown	unknown	unknown	unknown	June
7	unknown	unknown	unknown	unknown	unknown	unknown	unknown
8	unknown	unknown	unknown	unknown	unknown	unknown	unknown
9	HUSBAND	unknown	unknown	unknown	unknown	unknown	unknown
10	MOTHER	unknown	unknown	unknown	unknown	unknown	unknown
11	FATHER	unknown	unknown	unknown	unknown	unknown	unknown

code sample for website:

```
#add the lib folder to the path, so your functions will be work in this file
$: << File.expand_path(File.dirname(__FILE__) + "/lib")
#after add the lib folder above, you can add the .rb library
require 'htmlDynamicGenerator'
require 'sinatra'
#add the public folder for images and js
set :public_folder, File.dirname(__FILE__) + '/public'

# $height needs to get the height value from the user input, which requires a post function to get
the height value from a form
$height=800 # temp manully assign

#when the query is "/" then do the following function
#returns main.erb page to browser
get '/' do
  $areaTags =generateAreaHtml($height)
  erb :map
```

end