**Project Report**

1. Introduction
   1. Why is the project needed?
   2. Previous Work
   3. What is the project?
   4. Project goals
2. Technical Design
   1. Requirements
      1. Create calendar
      2. Event for each month
      3. Printable and usable
   2. Calendar Design
      1. Placement of image and text with qr code
      2. Size of image and text
3. Corpus
   1. Reasoning
      1. Student experience
   2. Design
      1. University History
      2. City History
4. Implementation & Development
   1. Technologies used
   2. Callirhoe & Calmagick
      1. Callirhoe Designs
      2. Calmagick Stitching
   3. Event Retrieval
      1. Google docs to CSV
         1. Authentication
         2. Gspread
      2. Excel to CSV
         1. Pandas read excel
      3. CSV parsing
         1. pandas
      4. Choosing events
         1. Shared csv files between two scripts
         2. Dict Reader/Writer
   4. Displaying Event
      1. Downloading image
      2. Downloading text
      3. Creating QR code
   5. GUI
      1. Argument Parser
         1. Gooey Parser
      2. Gooey
         1. Using Gooey
         2. Multiple Gooey Windows
   6. Multiprocessing
      1. Huge speed increase, 3m30 down to <1m
5. Evaluation
   1. Usage Testing
      1. Handing out Test calendars
      2. QR tracking with bit.ly
   2. User Feedback
      1. Design Feedback
      2. Functionality Feedback
      3. Overall Engagement
   3. Hopefully evaluation from the original blog makers
6. Conclusion
   1. Successes
   2. Failures
   3. Future Work
   4. Personal Achievements