**Created by Ken Ngai**



Photo Book Maker

**requirements document**

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# 2. Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Status** | **Publish/Revision Date** | **Authors** |
| 1.0 | Created | March 20, 2018 | Ken Ngai |

# 3. Introduction

BCIT Link Magazine Photo Book Maker is a visual design web application that will allow BCIT students to create customized books using their own content from BCIT Link Magazine web application. Then It will generate a print-ready pdf and ordering confirmation that sends to the Campus Print & Copy allowing students to print at a reasonable price, and made ready for pick up by students on campus.

# 4. Intended Audience

## **4.1 BCIT Staff and Student**

The main audiences for this web application (app) are individuals who are BCIT staff and student that can access their BCIT account. The user would need to have a laptop or a desktop device to be able to access the web application. For user with mobile device, they will not able to control the app, since this is a desktop web application. A possible solution beyond the scope of this project would be to introduce a native app for mobile or a progressive web app for any device using browser. Hence, this app will be designed for individuals who want to create customized print object within our template to generate a print-ready pdf to print at low print on campus.

# 5. Features and Functional Requirements

## **5.1 Login Process**

A user is shown log in options using BCIT ID. The Login Screen will ask for the user’s BCIT ID as well as a password for the account. (Require asking BCIT web developer to access their login system to check if the user is BCIT student or staff.)

## **5.2 Main App Page**

Once signed in, user will be able to access to the core feature of the application.

## **5.2.1 New Design Menu**

Once signed in, it will go directly and open the New Design menu. The New Design Menu is for choosing a template that the user wants to start customizing, such as photo book and photo calendar. This will initialize the setting for the canvas and the layout setting, because each template will have different layout style.

## **5.2.2 Toolbar Menu**

The Toolbar menu is

## **5.2.2.1 Image Manager Menu**

## **5.2.2.2 Layout Menu**

## **5.3.3 Background Menu**

## **5.3.4 Text Menu**

## **5.3.5 Graphic Menu**

## **5.3.6 Filter Menu**

## **5.4 Canvas**

## **5.4.1 Upload Picture**

## **5.4.2 Drag and move element**

## **5.4.3 Page Slider**

## **5.4.4 View 2 pages at a time**

## **5.5 Download**

## **5.6 Order**

# 6 Non-Functional Requirements

|  |  |
| --- | --- |
| **Property** | **Measure** |
| Hardware | The web app will only be compatible with desktop browser |
| Software | The app will only be compatible with Google Chrome, Firefox, Safari and Internet Explorer |
| Usage Requirements | * The app will require a connection to Wi-Fi connection to operate |
| User Interface | * The web app should have large text, icons and vibrant colors to make things easily legible and accessible * The web app should be simplistic and intuitive enough to allow for a minimal learning curve |
| Hosting Server |  |
| Security | * ­­­­ |

# 7 Example Tutorials

## **7.1 Scenario 1: Login and create a new design from template**

## **7.2 Scenario 2: Adding Image to the page**

## **7.3 Scenario 3: Changing layout of the page**

## **7.4 Scenario 4: Adding Text to the page**

## **7.5 Scenario 5: Adding Sticker to the page**

## **7.6 Scenario 6: Adding Background to the page**

## **7.7 Scenario 7: Applying Filter to the page**

## **7.8 Scenario 8: Downloading the design as print ready pdf**

## **7.7 Scenario 9: Send order request to Campus Copy & Print**