



# Photo Book Maker

## DESIGN DOCUMENT

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## 1. Revision History

Version	Status	Publish/Revision Date	Authors
1.0	Created	March 21, 2017	Ken Ngai

## 2. Guidelines

### 2.1 Technical

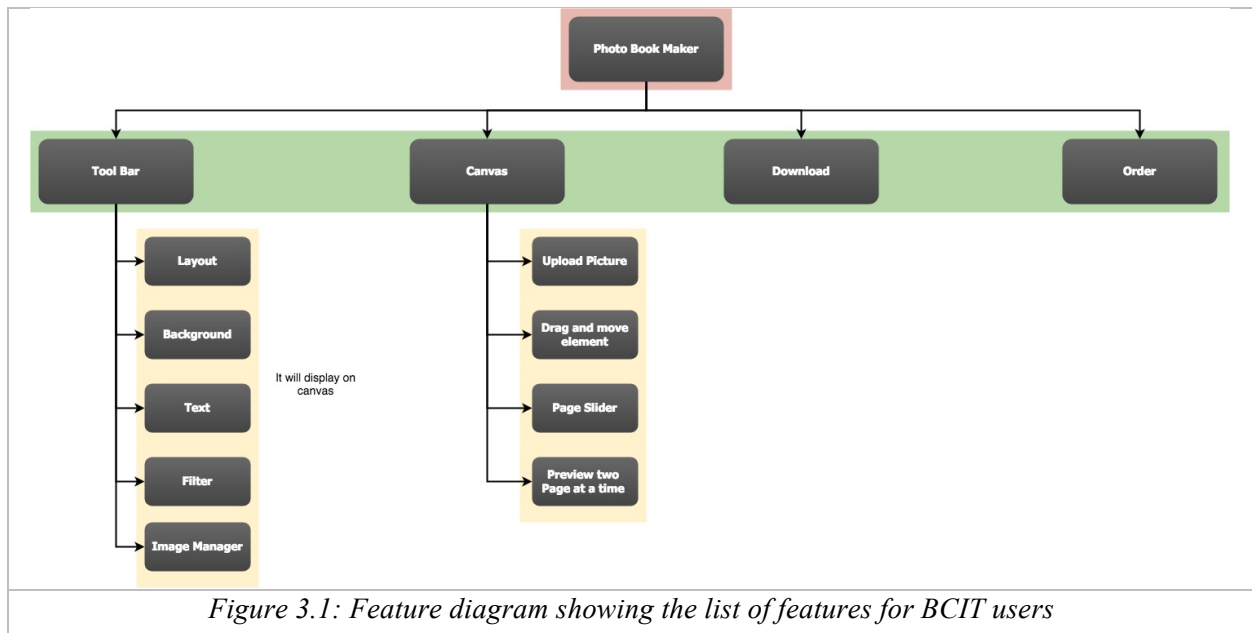
The development of web application of BCIT Link Magazine Photo Book Maker will be accomplished using Sublime Text 3 and Babel-sublime plugin to program. It will be using React and Material-UI to program the web application UI, and Fabricjs library will be used to provides interactive object model on top of canvas element. In addition, this project will utilize Git version controlling and store the source code and assets on GitHub.

The login system will be using BCIT login system to access the student's database.

### 3. System Diagrams

#### 3.1 Feature Diagram

In this diagram, the main features of our app, as described in the Requirements document are presented as a diagram. The user's main feature is the canvas and the tool bar to design their own photo book then they can choose to download as pdf or order it from the campus.



## 3.2 Class Diagram

Will be designed by the developer

## 4. Data Requirements

### 4.1 Input / Output Data

The primary data inputs will be from the desktop, and uploaded jpg image. Since this is a one-time design tool, there won't be any way to save design for future use. The user must perform the design in a single session or else all work will be lost.

The data outputted will be PDF file with CMYK and 300 dpi.

### 4.2 File Formats

The following formats will be used:

- JPG formats will be used for user images uploaded
- PDF formats will be used as output file format for download

## 5. Feature Priority

### 5.1 Version Release Schedule

Version	Date
1	

Version	Feature	Description
1	Login	<ul style="list-style-type: none"><li>▪ Login with BCIT Login system</li></ul>
1	Canvas	<ul style="list-style-type: none"><li>▪ Basic feature of the canvas where they can move, resize and rotate element.</li></ul>
1	Image manager menu	<ul style="list-style-type: none"><li>▪ User can upload and select image (jpg only) from devices</li></ul>