Practicum Presentation: BCIT Link Magazine Photo Book Maker Web App

By Ken Ngai

Client:

BCIT Link Magazine

BCIT Burnaby Campus
SE2 3rd Floor
3700 Willingdon Avenue
Burnaby, British Columbia
V5G 3H2 Canada

Project:

BCIT Link Magazine -

Photo Book Maker Web Application

LINK

MAGAZINE

Photo Book Maker

Overview:

BCIT Link Magazine Photo Book Maker is a visual design single-page 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.

Scope of the Project:

The project was split into two part, part one contains planning, design, and prototype, the part two will consist of implementation, testing and deployment.

Since there was only 1 person working on the project at that time. We focus on the Part one of the project.

Scope of the Project:

- The part one of the project are split into 3 phase
- After completion of part one, part two of the project will be completed by a group of 4 BCIT student from another program

WorkFlow

Planning Phase:

- Research
- Project Proposal
- Functional and Non-Funcational Specification
- Specifying web application structure and technology.

WorkFlow

Design Phase:

- Layout
- Interface Design
- Wireframing
- Task Scenario

WorkFlow

Prototype Phase:

- Interactive prototype to see how to application navigate
- a demo of web application with some of the features

Communication

	Client	Supervisor
Primary	E-mail/ Face to face weekly	E-mail/ Face to face weekly

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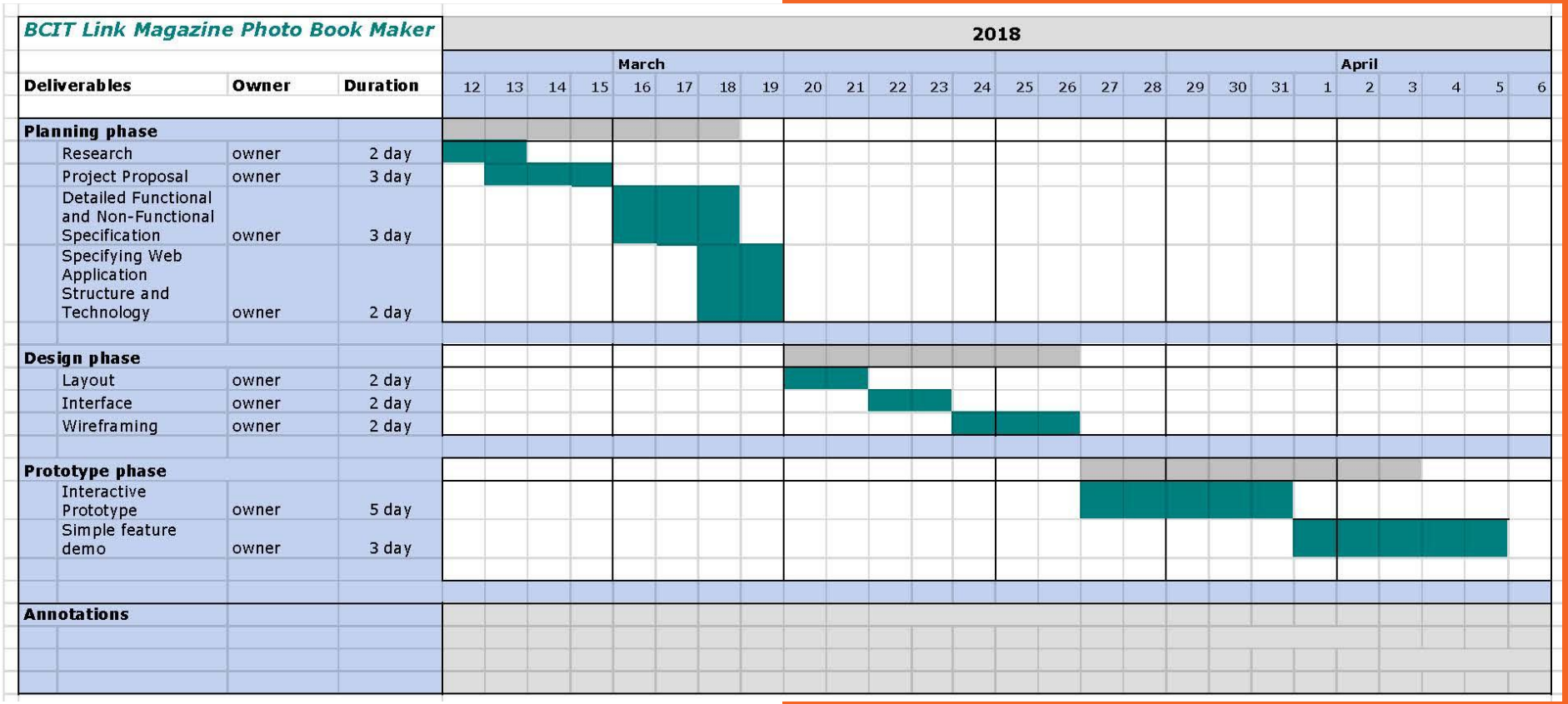
Version Control

- Github

Design and Development Environment

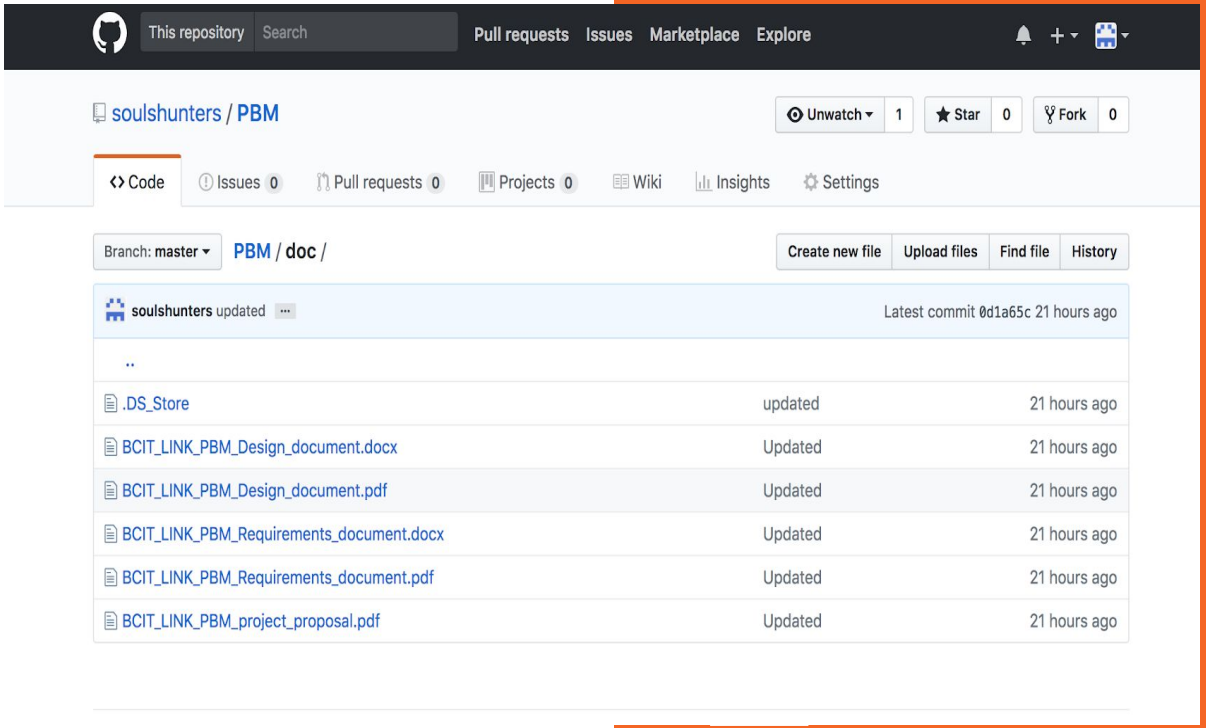
- Microsoft Words (Documentation)
- Text Editor (Sublime Text)
- Sketch 3
- Invision
- Personal local server
- React and Redux
- npm

Timeline

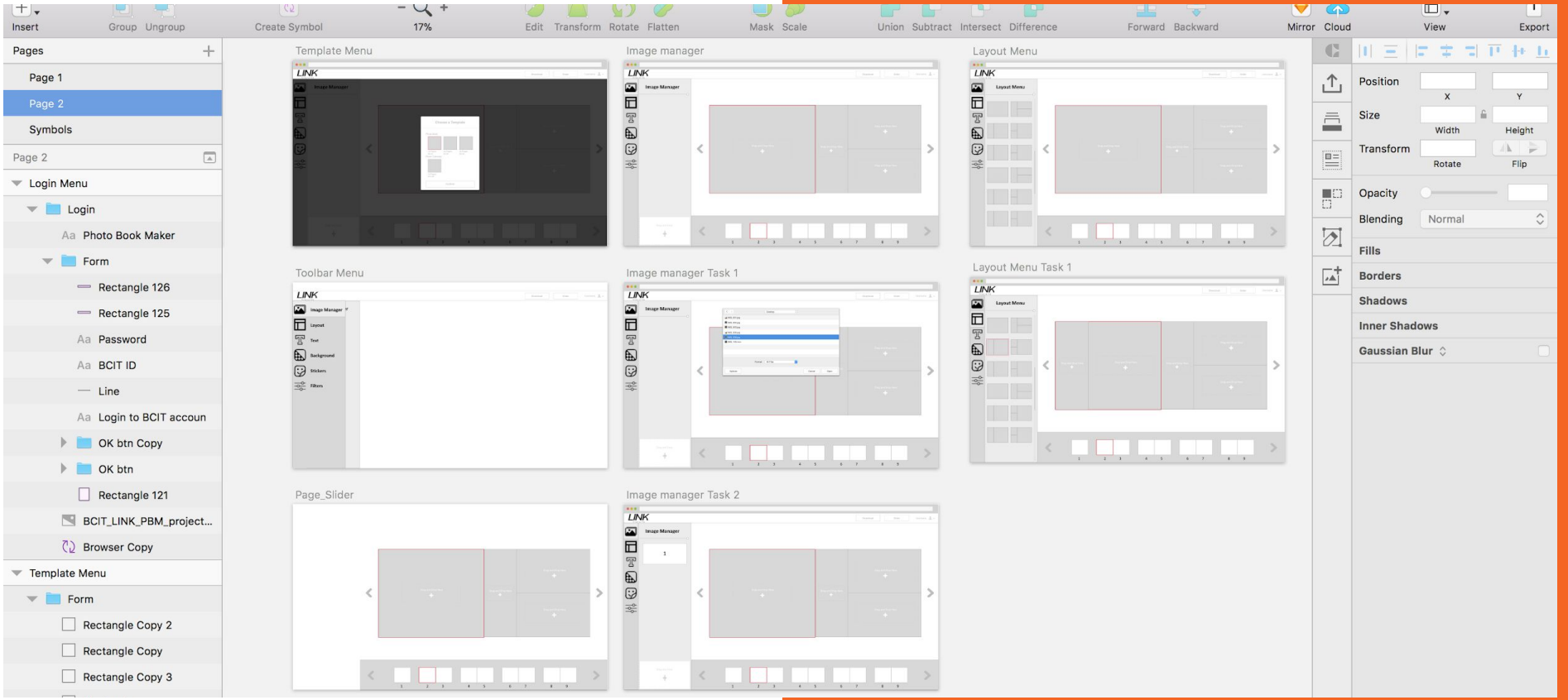


BCIT Link Magazine Photo Book Maker		
Deliverables	**Owner**	**Duration**
Planning phase		
Research	owner	2 day
Project Proposal	owner	3 day
Detailed Functional and Non-Functional Specification	owner	3 day
Specifying Web Application Structure and Technology	owner	2 day
Design phase		
Layout	owner	2 day
Interface	owner	2 day
Wireframing	owner	2 day
Prototype phase		
Interactive Prototype	owner	5 day
Simple feature demo	owner	3 day
Annotations		

Documentation



Sketch 3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Cloud
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Page 2
Symbols
Page 2
Login Menu
Login
Photo Book Maker
Form
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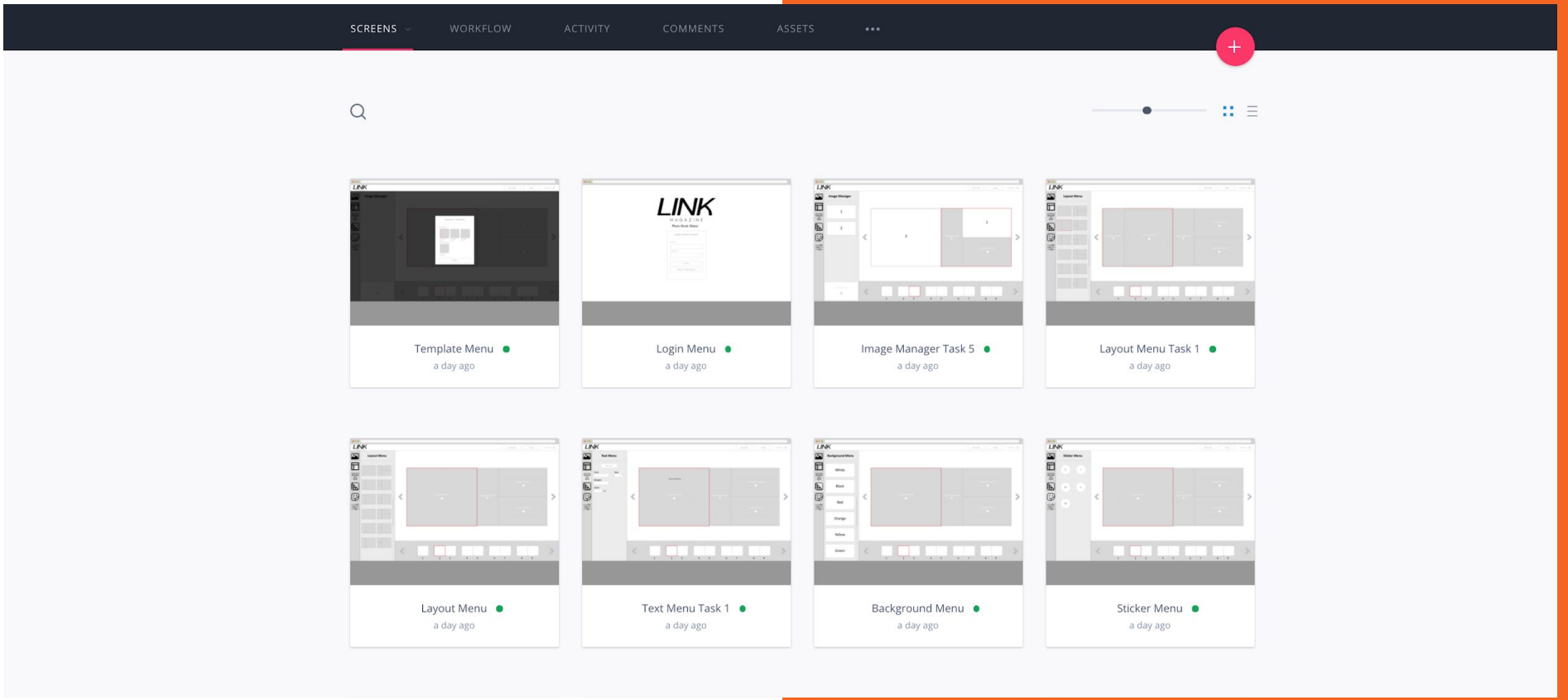
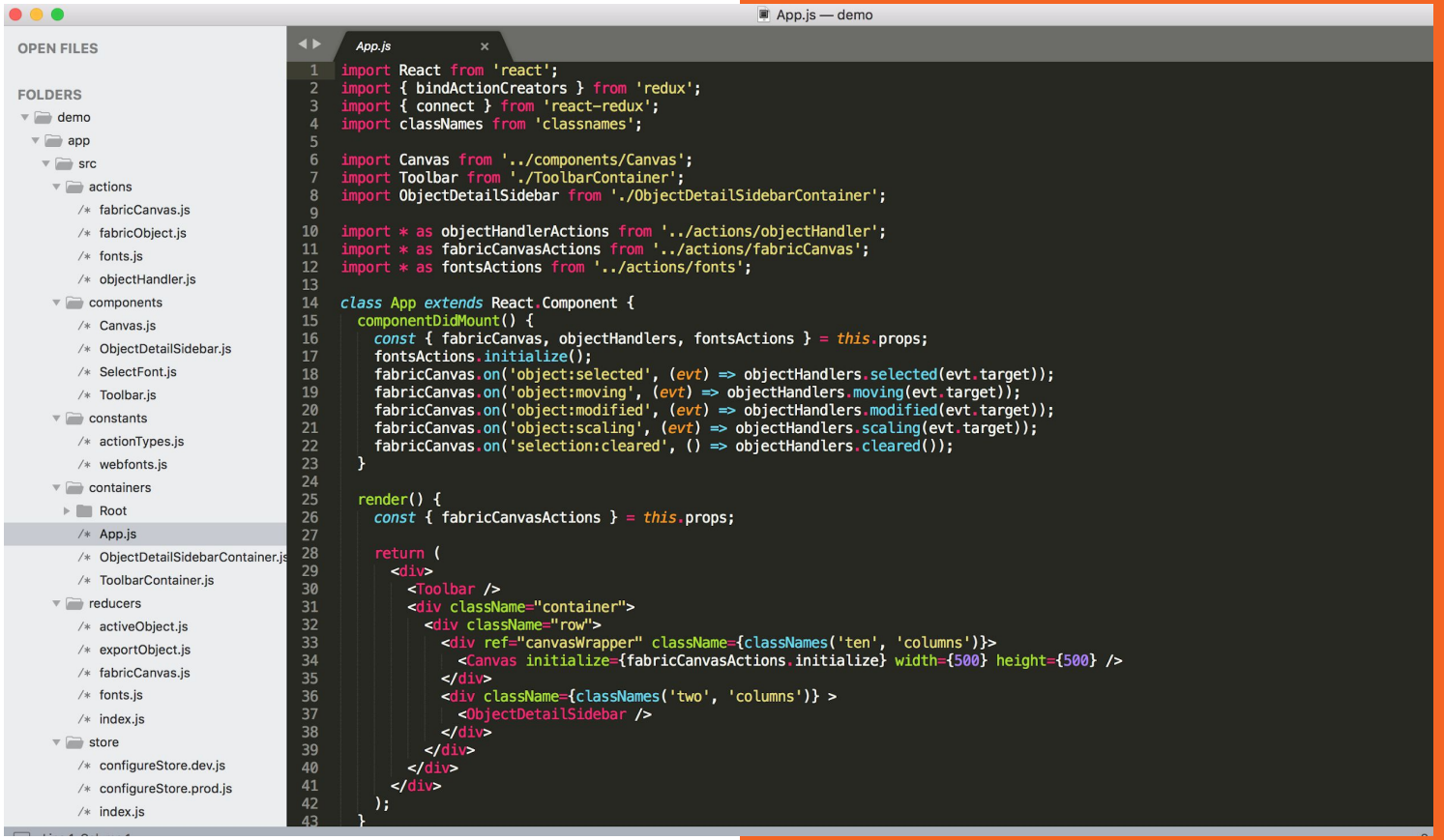
Rectangle 125
Password
BCIT ID
Line
Login to BCIT accoun
OK btn Copy
OK btn
Rectangle 121
BCIT_LINK_PBM_project...
Browser Copy
Template Menu
Form
Rectangle Copy 2
Rectangle Copy
Rectangle Copy 3
Template Menu
Image manager
Layout Menu
Toolbar Menu
Image manager Task 1
Layout Menu Task 1
Page_Slider
Image manager Task 2
Position
X
Y
Size
Width
Height
Transform
Rotate
Flip
Opacity
Blending
Normal
Fills
Borders
Shadows
Inner Shadows
Gaussian Blur

Invision


SCREENS
WORKFLOW
ACTIVITY
COMMENTS
ASSETS
Template Menu
a day ago
Login Menu
a day ago
Image Manager Task 5
a day ago
Layout Menu Task 1
a day ago
Layout Menu
a day ago
Text Menu Task 1
a day ago
Background Menu
a day ago
Sticker Menu
a day ago

Simple Feature Demo



What I learned

- Experience on working with clients side by side and turn their ideas into reality one step at a time.
- Project management (Although is single man team)
- Turning a client's request into a more detailed project proposal
- Going through Web Application Development Process to develop the product
- Splitting a web app development project into two parts, and able to transfer the work done to the next group of developers
- Documentation is important for a big project
- How to design for clients and users and not yourself
- Using sketch and invision to do the wireframing and prototyping
- Creating a simple feature demo of the web app using react

Question?