Prototype Report

ShareTheTraining.com

Team 11

Xiaoting Cai - Project Manager, LCP
Junfeng Wu - Operational Concept Eng, SA
Yi Ding - Feasibility Analyst
Shubham Gaur - Requirements Engineering, LCP
Dongxue Wang - Prototyper
Chao Lin - Operational Concept Eng, SA
Patrick Horng - IIV&V

10/12/14
## Version History

<table>
<thead>
<tr>
<th>Date</th>
<th>Author</th>
<th>Version</th>
<th>Changes made</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/12/14</td>
<td>Yi Ding</td>
<td>1.0</td>
<td>Original version</td>
<td>To fit CS577a course content</td>
</tr>
</tbody>
</table>
Table of Contents

Prototype Report ..................................................................................................................................................... i
Version History ...................................................................................................................................................... ii
Table of Contents ................................................................................................................................................ iv
Table of Tables .................................................................................................................................................. vi
Table of Figures ................................................................................................................................................ v

1. Introduction ..................................................................................................................................................... 1
   1.1 Purpose of the prototype report ......................................................................................................... 1
   1.2 Status of the prototype ......................................................................................................................... 1

2. Navigation Flow ............................................................................................................................................... 2

3. Prototype .......................................................................................................................................................... 3
   3.1 Home page ........................................................................................................................................... 3
   3.2 Course List page ................................................................................................................................ 5
   3.3 Course Description page ..................................................................................................................... 7
   3.4 Payment page ...................................................................................................................................... 9
   3.5 Payment Summary page ..................................................................................................................... 12
Table of Tables

Table 1: Home page ................................................................................................................................................. 3
Table 2: Course List page ....................................................................................................................................... 5
Table 3: Course Description page ............................................................................................................................ 7
Table 4: Payment page I ........................................................................................................................................... 9
Table 5: Payment page II ........................................................................................................................................ 10
Table 6: Payment Summary page ............................................................................................................................ 12
Table of Figures

Figure 1: Navigation Flow of ShareTheTraining.com ................................................................. 2
Figure 2: Home page ................................................................................................................. 4
Figure 3: Course List page ....................................................................................................... 6
Figure 4: Course Description page ......................................................................................... 9
Figure 5: Payment page I ....................................................................................................... 10
Figure 6: Payment page II ..................................................................................................... 11
Figure 7: Payment Summary page .......................................................................................... 12
1. Introduction

1.1 Purpose of the prototype report

A prototype is an experimental version of software release. It helps both customer and developer to verify that the product meets all the stipulated requirements. It enables both parties to resolve ambiguous requirements to a well-defined specification. Thus, prototyping eliminates defects caused due to ambiguity.

For a project, it should address the legal and regulatory requirements. Any failure in a project will result in the failure of business operations. By setting a standard for which a system is required to be developed under, it forces the designers to stick to the requirements.

Additionally, we could understand and master client’s expectations of user interface accurately. The website of “ShareTheTraining” aims at courses selling and promoting where an attracting and practical user interface is so important to fascinate customers; and thus iterative cycles of prototyping provide the chance to improve the user interface.

1.2 Status of the prototype

We took two highest risks to prototype, which are the interaction pages and payment function. In the main pages which interact with users frequently, we design these pages according to the demand raised by our client. We planned to implement the function of payment through the payment gateway—EventBrite and has realized the basic payment function.
2. Navigation Flow

Figure 1: Navigation Flow of ShareTheTraining.com
3. **Prototype**

3.1 **Home page**

<table>
<thead>
<tr>
<th>Description</th>
<th>It is the homepage of sharethetraining.com. There is a filter through which you can search courses according to the category, price and location. And there are 3 entrances respectively for users, companies and trainers. Furthermore, the most popular courses are showed in this page to attract people’s attention.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>Search courses; sign up or sign in; “view all courses”; ”for companies”; “for trainers”</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Enter in “www.sharethetraining.com”</td>
</tr>
</tbody>
</table>
| Post condition | After selecting “View all courses” button, the page will be redirect to course list page.  
After selecting “For Companies” button, the page will be redirect to communication with “sharethetraining” page for companies.  
After selecting “For Trainers” button, the page will be redirect to trainer’s page which enable trainers to submit a new course description to “sharethetraining”.  
After selecting “SIGN UP” or “SIGN IN” button, the page will be redirect to log-in page. |
Figure 2: Home page


3.2 Course List page

Table 2: Course List page

<table>
<thead>
<tr>
<th>Description</th>
<th>It is the course list page which display courses in order.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>Reset the filter; show the introduction of courses which satisfy users’ choices.</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Select the “view all course” button or set the filter on the homepage.</td>
</tr>
<tr>
<td>Post condition</td>
<td>After selecting every courses’ picture or title, the page will be redirect to course description page.</td>
</tr>
</tbody>
</table>
Figure 3: Course List page
## 3.3 Course Description page

**Table 3: Course Description page**

<table>
<thead>
<tr>
<th>Description</th>
<th>It is the course description page in which shows the description of courses, such as class information, instructor information, price, date, location and review of the class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>Book the course.</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Select every courses’ picture or title on the course list page.</td>
</tr>
<tr>
<td>Post condition</td>
<td>After selecting “book online” button, the page will be redirect to the payment page.</td>
</tr>
</tbody>
</table>
### 3.4 Payment page

**Table 4: Payment page I**

<table>
<thead>
<tr>
<th>Description</th>
<th>It is the page of payment which is implemented through EventBrite. It shows the basic information of the course the user want to choose and the final price.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>Pay online</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Click the button of “book online” on the course description page.</td>
</tr>
<tr>
<td>Post condition</td>
<td>After selecting “Register” button, the page will be redirect to payment page II to register an account to implement the process of payment.</td>
</tr>
</tbody>
</table>
Description: It is the page of payment which is implemented through EventBrite. It shows the basic information of the course the user want to choose and the final price. Each user should register an account in EventBrite.

<table>
<thead>
<tr>
<th>Related Capability</th>
<th>Register an account of EventBrite.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-condition</td>
<td>Click the button of “Register” on the payment page I.</td>
</tr>
<tr>
<td>Post condition</td>
<td>After selecting “Complete Registration” button, the page will be redirect to the page of “sharethetraining” to show whether you pay for the class successfully.</td>
</tr>
</tbody>
</table>

Figure 5: Payment page I

Table 5: Payment page II
Figure 6: Payment page II
3.5 Payment Summary page

Table 6: Payment Summary page

<table>
<thead>
<tr>
<th>Description</th>
<th>It is the page of payment summary which shows all payment results of courses established by admin.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>Check and query all the payments for each class.</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Log in the account of admin in EventBrite.</td>
</tr>
<tr>
<td>Post condition</td>
<td>After selecting “Manage”, “Edit” and ”View” button, the page will be redirect to the page to manage information of the course.</td>
</tr>
</tbody>
</table>

Figure 7: Payment Summary page