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|  | **FPT ACADEMY INTERNATIONAL**  **FPT – APTECH COMPUTER EDUCATION** |

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

**ICEE ICE CREAM**

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| **Supervisor:** | Dinh Vu Quoc Trung | |
| **Semester:** | 3 | |
| **Batch No:** | T1.1707E0 | |
| **Group No:** | 1 | |
| **Order:** | **Full name** | **Roll No.** |
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1. **Introduction**

Mr. A is the owner of the big Ice-cream shop called “ICEE”. His ice cream is not only famous for the taste but also the quality of the product. As the number of customer is increasing day by day, the branches of the shop keeps on increasing. To popularize it more he has decided to go for making the website of his shop in order to share his own recipes and organize interactive activities for all ice cream lovers.

1. **Requirements**
2. **Customer’s requirements**
3. **User’s site** 
   * **Homepage**
     + On the homepage, there should be menus like home, login, free recipe available, contact us, feedback, adding recipe FAQ’s and books order.
     + The customer can register and makes the payment for member fee (monthly, yearly). After get registered can login with their user name and password
     + Books can be ordered by both Registered and Un-Registered Customer. They must pay the charge of the book online through credit card.
   * **About us:** Describe about the Ice-cream parlor and the owner.
   * **Online order:** the list of the books with its image and little description, There should be link mentioned for buying the books, once the links gets clicked then the users is supposed to provide the order informations details like:
     + Name
     + Email ID
     + Contact Details
     + Address (where the book will get delivered)
     + Cost ( should come directly as per the book is selected)
     + Paying Option ( Whether Credit, Debit Card and Proper validation must be provided)

Once the transaction is complete, Website must prompt to the user whether the transaction is completed or not

* + **Feedback form:** take the feed back from both Registered and Unregistered customers.
  + **Contact us:** display the Contact details.
  + **Flavor page for registered customer:** For the registered customer this link will be enabled with all the previous function mentioned. Links like most famous flavor available for the registered customer. An image must be added for each flavor. It must include the details like ingredients, procedure to be followed

1. **Admin page:** Admin will have its own Login Page where the following functions will be taken care of:
   * Details of the recipe will be added and updated.
   * Checking the List of the registered users and their payment details.
   * Checking the list of the books being ordered and the updating the status like if the book is send then the order processes, once reached the status will be completed.
   * Checking the feedbacks entered by the user.
   * Checking the details of the new recipe.
2. **Functional requirements**
   * **Homepage:** Menus like home, about us, recipe, recipe’s book, contact us, login, and register.
   * **About us:** Describe about the Ice-cream parlor and the owner.
   * **Recipe:** show the customer recipe and ICEE’s recipe, Once customer click one recipe, the link will open the recipe details with some rule:
     + **Registered customer:** will have all function of recipe: ingredients, proceduce to be followed. This customer can add recipe FAQ.
     + **Unregisterd customer:** will only have function: ingredient only.

Both registered and unregistered customer can see recipe FAQ.

* + **Recipe’s** **Book:** the list of the books with its image and little description.

1. **Hardware/ Software Requirements**
   1. **System**

* A minimum computer system that will help you access all the tools in the courses is a Intel Core i3 or better
* 4096 GB of RAM or better
* Windows 8.1 or better
* IIS10
  1. **Development software**
* Visual Studio 2017 Comunity, version 15.8.5
* Microsoft SQL server 2017 Developer.
* Github.
* SAP Power Designer 16.6 SP05 PL03 (version 16.6.5.3)
* Notepad++
  1. **Technology**:
* .NET framework 4.6.1
* MVC5
* Entity Framework 6