

**FPT University**

**Training Center Programming FPT - APTECH**



**SPUPORTIVE LEARNING**

❖ **SEM :**  IV

❖ **CLASS :** C0810G

❖ **Group :**  Group 2

❖ **TEACHER :**  Đỗ Quốc Bình

❖ **Members :**

* Dương Văn Định (Leader)
* Phan Văn Tuyền
* Trần Trung Hiếu
* Phạm Xuân Nam
* Vũ Đức Giang

1. **Problem Definition:**
2. ***Problem Abstraction:*** The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, and unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of laddered approach.
3. ***The Current System:*** The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. *Well, technology does come to our rescue at such times!!*
4. ***The Proposed System:*** Keeping the above in mind and in tune with our constant endeavour to use Technology in our training model, we at Aptech have thought of revolutionizing the way our students learn and implement the concepts using tools themselves by providing a *live and synchronous eProject learning environment!*
5. ***Boundaries of the System:***
6. ***Development Environment:***

**Hardware :**

* Server:

- Pentium IV 3.06GHZ,RAM 1GB,HDD 160GB…

* Client:

- Pentium III 900GHZ,RAM 128MB,Sound & VGA Card…

**Software :**

* Server:

- OS Windows Server 2000 or Windows Server 2003.

- MS SQL Server 2005.

* Client:

- Window98 or higher operating system.

**Developer Tools :**

* Language Used : Java
* Database : MS SQL Server 2005
* Design tool : Netbean 6.9

1. ***Requirements and business Flow:***
2. ***Customer Requirement Specification:***

* 1. **System Requirement Specification :**
* Student
* Staff
* Admin
  1. **Functionality for Student:**

2.1. View Information:

2.2. Register or Login:

The user must be able to either register with the site (if new user), else the user can login into his/her account.

2.3. Contact Us:

Student may contact the School through address, phone number of the School are to be provided, as per the details entered by the admin.

2.4. Feedback:

Student can give feedbacks about the site or ask the queries if any.

2.5. FAQ’s:

Student can view the FAQ’s as created by the admin.

**3. Functionality for Staff:**

3.1. View Information:

3.2. Request Service / Manage Service Request :

Client can perform the following actions:

* The staff can view, delete and upload the assignments