**Documentation for Online Technical Training Applicaton and mobile app**

|  |  |
| --- | --- |
| Document Meta | |
| **Version** | 1.0 |
| **Prepared by** | Pankaj Sharma |
| **Revised by** | Pankaj Sharma |
| **Contact** | **ManviTech Software Solution**  **Flate 101, ShantiDham, Shiv Dham Socity, Limbodi Indore**  Mobile: 9644010083 | 8827611875  Email: pankajsimmc@gmail.com |

|  |  |  |
| --- | --- | --- |
| Index | | |
| **Sr.No.** | **Point** | **Page** |
| 1 | Concept |  |
| 2 | High level overview |  |
| 3 | Application Feature List |  |
| 4 | Technology used |  |
| 5 | Website and mobile app wireframe |  |
| 6 | Application Architecture |  |
| 7 | Business Marketing Plan |  |
| 8 | Marketing plan for customer |  |

1. **Concept**

The opportunity had been identified, when I was working in the IT Company and saw people struggling to learn the technology. They would have been referring many tutorials where they used to learn the technology through small concepts, but after leaning the concepts they were not able to utilize those concepts properly in the project. Even they were not able to understand where to utilize those learned concepts.

Even with the discussion of many of my trainees I found that they also would like to have a need for training to understand the flow and concept of the technology, and for the same they look for the best trainer, and as per their feedback it is hard to get a good trainer. Even if the trainer is identified, it requires lots of time in travelling to get the training. They wished to have a platform so that they can easily get the training without wasting time in travelling and searching the best trainer.

So I decided to create a platform where any one can find the available on demand training material with the availability of the best trainers with their demos, so that any one can choose the best deal without compromising with the time and quality.

1. **High Level Overview**

**Customer point of view:** In this application customers will be trainees who would like to learn a specific technology. They can be professionals, fresher, trainers etc. They will be able to browse the available course and choose the appropriate available batch timing for online instructor led training.

User will be able to track his course completion status, progress in terms of assignment submission and training.

**Trainer:** Trainer’s responsibility will be to deliver training online, where trainees can join him online. He will be providing the training using tools like, PPT, Paint Brush , E-Notice Board. Giving assignment on completion of each session, Checking those assignments and solving the doubts, At the end of the course a demo application based on all concepts will be prepared with trainees, where Central repository will be used to share the data. Application will be developed in groups so that trainees can get the real work experience for team working.

**Site Administrator:** Administrator will be able to add new course information, like it’s image, course duration, description, cost, batch time, demo, assignments, project etc. Any changes in the course structure or any kind of the change will be the responsibility of the **admin** to add.

1. **Application feature list**

**Functional Requirement**

Course

1. Add course information (Category, Name, Image, course start date, Learners [customer feedback, review], Price : MRP, SP, Discount, Registration Link, Available Seats, Course Type : On Demand, Recent Addition, Popular Course)
2. Update Course Information
3. Delete Course Information
4. Adding course information using Excel format.
5. Detailed course information will be shown to only registered users.
   1. Couse description
   2. Course Image
   3. Demo video
   4. Online Course Start date and time
   5. Enrol now link
   6. Coupon code for the early birds.
   7. Course Training Methodology
      1. Online Class : Hours
      2. Assignments: total number of assignments
      3. Project : hours
      4. LifeTime Access
      5. Support
      6. Project Work
   8. Training Details
      1. About Course
         1. About the Training
         2. Training Objective
         3. Who should go for this training?
         4. Why learn this course?
      2. Syllabus
      3. FAQs

User

1. User Registration
2. User Login
3. User Edit
4. User Delete
5. User Privilege
6. Change password
7. Wish list
8. My Progress
9. Trainee user can see their progress in terms of training completion and assignment submission, project work status completion, efficiency level etc.
10. Trainer user can upload assignments, update the status of each trainees etc.
11. SSO

Search

1. Search course by keyword
2. Search course by parameter
   1. All available courses
   2. Courses based on Demand, Recent Addition, popular courses.
   3. Batch type: Weekends , weekdays
   4. Batch start and end time
   5. Price

**NonFunctional Requirement**

1. Git Hub Repository for code repository
2. Internet Connection
3. Data base design
4. Data base creating and backup
5. Workspace setup (Using Maven)
6. Server Setup and deployement
7. Effort estimation
8. Requirement Grooming
9. Excel sheet for task list, stories and daily task completion status.
10. Task tracker
11. **Technology Used**
12. Programming Language : Java 7 (Servlet, JSP)
13. UI side : BootStrap, JQ
14. Framework : Spring 3.2.5
15. Database : MYSQL 5.5.x
16. WebServer : Tomcat 7.0
17. Operating System: Windows 7
18. **Business Marketing Plan**

Digital Marketing

* Email
* SMS
* Calls
* Social Media – Promotional Service
* Youtube
* SEO
* Pay Per Click – Google PPC service

Media

* News-Paper
* Radio
* Door to Door brochures distribution