**Project Synopsis**

**Project Title: Question Bank Software for FNF**

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* **Introduction**

The project aims to create a user-friendly platform for trainers to build a centralized collection of multiple-choice questions (MCQs). This software will allow trainers to categorize questions by subject, topic, and difficulty level, making it easy to generate customized question papers. Trainees can access these papers through secure, time- limited web links, answer the questions, and receive instant feedback on their performance. The application also supports bulk uploads of questions from specific file formats and enables trainers to export questions and answers for further use.

Overall, the Question Bank Software for FnF is designed to streamline the creation, management, and sharing of MCQs in an organizational training environment, enhancing the learning experience.

* **Features**

1. Secure sign-up and sign-in for trainers and trainees.

2. Different interfaces and permissions for trainers and trainees.

3. Trainer can add, edit, delete and view the questions. He/She can also view the test results of the trainees.

4. Trainer can add or select questions based on subject, topic, severity and generate the question paper in the form of hyperlink or can download the file.

5. Trainer can set the test completion time.

6. If a trainer wants to add questions in bulk, he/she can do it by following a certain specific file format.

7. Shuffling of Questions and the choices for every instance click of the hyperlink.

8. Set a timespan for the hyperlink to be valid, after which the link will be invalid.

9. Immediate results are displayed and updated in the database.

10. Responsive interface.

11. Display of final results to ­trainees, with options to view correct and incorrect responses.

* **Technology**

1. ASP .NET Core MVC

2. Angular

3. SQL

* **Target Audience**

1. Trainers and Educators

2. Employees