Software Requirement Specification:

Introduction:

Purpose:

The document holds the project plan for the online system of T-14 Training Academy.

Intended Audience:

It's for developers, designers, and testers of the "T-14 Training Academy System," as well as project investors.

Intended Use:

The system allows the T-14 Academy to carry out the services and features online. Helping the members to easily access the features of the academy online. Allows the academy to sell football accessories online.

Scope:

In scope:

i)   To register membership
ii)   To design exam test papers and practice test papers
iii)   To enroll staff members
iv)   To purchase football kits
v)   For report preparation
vi)   To post exam notices and announcements
vii)   To take a mock exam

Out of scope:

i)   To join intermediate training, trainer chooses the member
ii)   Physical test cannot be carried out by the system

Sayush Khadka

Overall Description:

Assumptions and Dependencies:

i)   People who are not in academy are also allowed to purchase accessories.

System Features and Requirements:

Functional Requirements:

i)   The user should be able to register in the academy.

ii)   The trainer/examiner should be able to design exam test and practice paper.

iii)   The system should provide a platform to take exams.

iv)   The user should be able to sell football accessories.

v)   The trainer/examiner should be able to generate a report about the member performance.

Non-Functional Requirements:

Design and Implementation Constraints:

The academy has imposed a constraint to make the online system using JavaScript.

External Interfaces Required:

Software requirement:

i)   Operating System: Windows 7 or above

Hardware Specification:

i)   RAM: 4GB

Sayush Khadka

ii)   Storage: 5GB

iii)   Processor: Intel core i5(5TH generation or above)

Other Non-Functional Requirements:

i)   The system should be compatible on windows 7 or above.

ii)   The interface must be user friendly.

iii)   Notifications and announcements must have different texture, so that it is visible easily.

iv)   Must have two factor authentication for security purpose.

v)   Adding and searching must be fast.

vi)   System must be updated frequently.

Goals of Implementation:

i)   Developers will update the program if there is new operating system or devices in the future.

ii)   Developers will add new features according to the requirement in that date.

iii)   Developers will update the system in case of any bugs.

Sayush Khadka