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Training Management Portal

Manavi Ahluwalia

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Student name: Manavi Ahluwalia
Registration number: 160911170
Guide's name: Swathi BP

Abstract

Staying competitive in today's global marketplace means that organizations need to be innovative, adaptive, and ever-changing. Thus, Continuous learning and technical up gradation is instrumental in determining the success of any organization. This project serves as the key to achieving the above. The Training Management Portal is designed to bridge the learning gap and thus enable the employees to get a hands-on experience for cutting edge technologies which will ensure growth in the learning curve of an employee. The role of the Training Management Portal is specific to Deloitte's objectives, online training strategy, and desired outcomes, perhaps the most common one being the enrollment and tracking of online training initiatives.

Scrum which is one of the most popular agile project management methodologies was adopted. Agile is a set of values and principles that describe a group's day-to-day interactions and activities. Agile itself is not prescriptive or specific. The Scrum methodology follows the values and principles of agile, but includes further definitions and specifications, especially regarding certain software development practices. The Scrum methodology is defined by team roles, events (ceremonies), artifacts, and rules. The aim is to build a serverless application using AWS. Serverless applications are event-driven cloud-based systems where application development rely solely on a combination of third-party services, client-side logic and cloud-hosted remote procedure calls ie Functions as a Service. Function as a Service (FaaS), or serverless computing, provides the option to purchase backend services from a vendor for cloud applications thus eliminating the need of deploying and maintaining one's own servers. The application is divided into numerous "functions," which are parts of application that are triggered by specific events. Eliminating on-premises servers can provide substantial benefits to a software company. These include easy scalability, simplified code, decreased latency, faster time to market etc.

Training Management Portal is primarily meant to address the training management need of the organization. It will help the organization in capturing the Training demands/needs for its employees. Such detailed need capturing of training can lead to sizing the demand and preparation of training calendar and resource estimation. This portal acts as a single platform for consumers(trainees) and providers(trainers) to know demand and supply and facilitates the intermediate processes including registration, alerts, notifications though mail.