**ISYS3001 – Assignment 1 exercise**

Remember that this is a public repository - your changes could be seen by anyone who looks!

Add some comments about Version management outside this border, or just add some text so there is a change to this file.

Remember that your GitHub user ID must be submitted in your assignment report!

Once you’ve changed follow the next step in your assignment task.

…

**Username : itsabdulrehman5**

**Build Management:-**

**2.1**

Firefox Nightly is a pre-release version of Firefox. It is a development version of Firefox that is updated daily. It is not recommended for general use, but it is a good way to test new features and provide feedback to the developers. Nightly is available for Windows, Mac, and Linux. Nightly is available in 32-bit and 64-bit versions. Changes in Firefox Nightly are managed by Mozilla.

Mozilla is a non-profit organization that is dedicated to keeping the Internet open and accessible to all. Mozilla is the organization behind Firefox.

**2.2:-**

**How Mozilla arrives at the release of Firefox that is distributed to the public?**

The Firefox release cycle is a sixtheen-week process that begins with the release of a new version of Firefox. The release cycle is divided into four phases

1. Mozilla Central

2. Mozilla Aurora

3. Mozilla Beta

4. Mozilla Release

We will discuss each phase in detail week by week.

Week 1 to 5: Mozilla Central

In the first 5 weeks, all the development work is done on the Mozilla Central branch. This is the main development branch of Firefox. All the new features and bug fixes are added to this branch. The code is tested and reviewed by the developers. The code is also tested by the community. The code is then merged into the Aurora branch.

Week 6: Mozilla Aurora

In the sixth week, the code is merged into the Aurora branch. Aurora is a development branch of Firefox. It is a pre-release version of Firefox. It is updated every week. The code is tested and reviewed by the developers. The code is also tested by the community. The code is then merged into the Beta branch.

Week 7 to 10: Mozilla Beta

In the seventh to tenth week, the code is merged into the Beta branch. Beta is a pre-release version of Firefox. It is updated every week. The code is tested and reviewed by the developers. The code is also tested by the community. The code is then merged into the Release branch.

Week 11 to 16: Mozilla Release

In the eleventh to sixtheen week, the code is merged into the Release branch. Release is the final version of Firefox. It is updated every week. The code is tested and reviewed by the developers. The code is also tested by the community. The code is then merged into the Release branch.

**2.3:- Write the Advantages and Disadvantages of Mozilla Firefox**

**Advantages:**

1. It is free and open source.

2. It is available for Windows, Mac, and Linux.

3. It is available in 32-bit and 64-bit versions and it is available in 50 languages.

4. Addins can be installed to extend the functionality of Firefox.

5. Adding new features is easy.

6. It is fast and secure and it is easy to use.

7. It is customizable and flexible. User can customize the interface according to their needs.

8. Safe browsing is enabled by default and it has a built-in phishing and malware protection.

**Disadvantages:**

1. It is not available for mobile devices.

2. It is not available for iOS and Android.

3. Downloading and installing addins is not easy.

4. Slow startup time and slow performance in comparison to other browsers.

5. Some Compatibility issues.

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**Request for Proposal:-**

**What is request for proposal?**

Answer:

A request for proposal (RFP) is a document that solicits proposal, often made through a bidding process, by an agency or company interested in procurement of a commodity, service, or valuable asset, such as a parcel of land, that is to be purchased or leased. The RFP contains information about the project or the asset to be acquired and the requirements the seller or lessor expects the commodity, service, or asset to meet. The RFP may also contain information about the agency or company issuing the RFP and the process by which the commodity, service, or asset will be selected.

**What will be the system description?**

Answer:

The system is used to manage the business of a firm called "Aussie Business Buzz (ABB)".

The basic business of ABB is to sell and repair computers and other electronic devices.

The system will be used by the staff at the various locations of ABB. The system provide the

following functions:

1. Customer relations database

2. Marketing system

3. Stock management system

4. Reports for management

**What are the functional requirements?**

Answer:

The functional requirements are:

1. The system must be able to store information about customers, their purchases, and the

devices they leave for repair. This information must be able to be accessed by staff at any

location. The system must be able to store information about the products and services sold

by ABB, and the parts used in repairs. The system must be able to store information about the

as well. Basic information about the staff must be stored, including their name, address, and

contact details. The system must be able to store information about the locations of ABB.

2. The system must be able to send e-mails to customers, and to prospective customers, to

promote products and services. The system must be able to send e-mails to customers to

inform them of the progress of their repairs. The system must be able to send e-mails to

customers to inform them of the progress of their repairs.

**Explanation of how you would evaluate proposals**

**received?**

Answer:

The proposals will be evaluated based on the following criteria:

1. The proposal must be complete and include all the information requested in the RFP.

2. The proposal must be clear and easy to understand.

3. The proposal must be well written and free of spelling and grammatical errors.

4. The proposal must be well organized and easy to follow.

5. The proposal must be submitted on time.

6. The proposal must be submitted in the correct format.

**How will you generate the Reports for Management?**

Answer:

The system will generate the following reports for management:

1. A report of the number of customers who have purchased products and services from ABB.

2. A report of the number of customers who have left devices for repair at ABB.

3. A report of the number of devices that have been repaired by ABB.

4. A report of the number of devices that have been sold by ABB.

5. A report of the number of devices that have been returned by customers.

Any other facts that would ensure proposals are

useful to you and worth a supplier’s effort to

respond to the RFP?

Answer:

The proposals will be useful to me if they are complete and include all the information

requested in the RFP. The proposals will be worth a supplier’s effort to respond to the RFP if

they are clear and easy to understand, well written and free of spelling and grammatical

errors, well organized and easy to follow, submitted on time, and submitted in the correct

format (Microsoft Word document).