

Software Engineering Lab



Mohammad Ali Jinnah University

Chartered by Government of Sindh - Recognized by HEC

Lab Assignment 1

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Id: FA19-BSSE-0014

Subject: Software Engineering Lab (CS 3111)

Section: CM

Teacher: Sir Abdul basit

Date: Thursday, October 15, 2020

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Q1: Write down the Importance of Software Engineering in the Real world? (2 points)

Answer:

Importance of Software Engineering

As we all know that software industry is one of the rapidly growth industry and now for any government it's the back bond/larger assets production. If a person need to do a work /Startup a new business/industry they need some specific software for they used so in short they want a specific function/method or feature in the software so its compulsory for a developer to understand there requirement of the real world/customer. For understanding the requirement, a Software Engineer learn many course and then do many practice before starting a profession Job. Software Engineering is way to save the time, resource and divide the work so you divide the load. The Customer will be able to see the output of the before developer start the work mean the documentation/UML/flowchart or designed structure of the software.

Q2: What do you understand by UML? Why do we use UML in the Software industry?

Answer:

Definition:

UML (Unified Modeling Language) is the way to explain the problem to even a person who doesn't have any programming background.

OR

UML is the graphical representation of the problem/software or program it will save the time of the developer and customer will be able to change any part/feature in the software.

Uses:

It will save the time of the developer, in understanding the problem. It will also provide the solution (Structure of Software). A developer even a customer also need a UML because it help User to understand what developer is going to made or what change they may have to do. UML is need as a communicate language between User and developer.

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Q2: Why is the UML necessary?

Answer:

UML is necessary because in this way the developer bound the customer that before starting (Coding) after giving requirement. Developer may show the customer a structure and flow of the software that may indicate the feature of the software now if the client may want any changes the developer can do. But if UML is not use and when the software provide or giving to the client and then they say there are some feature which are missing so the software, time or recourse all go in waste so software industry introduce UML and may set some Standard for the world.

Q4: edraw Max is a software modeling platform that supports UML?

Answer:

The screenshot shows a Google search interface with the query 'edraw max download'. The search results show approximately 295,000 results in 0.48 seconds. The first result is an advertisement for 'Edraw Max Download - All-in-One Diagram Software' from www.edrawsoft.com/. The ad text describes it as a tool for creating various charts and diagrams, supporting Windows, Mac, and Linux, with a 30-day money-back guarantee and over 250,000,000 global users. Below the ad, there are links for 'Free Download and Trial', 'Edraw Max', 'Edraw MindMaster', and 'Edraw Download Center: Free download All Edraw Softwares'. The Windows taskbar at the bottom shows various application icons and the system clock indicating 6:03 PM on 10/14/2020.

Open Google and Search e draw max download. Click on the first link

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The screenshot shows a web browser window with multiple tabs. The active tab is 'EdrawMax - All-in-One-Diagram'. The address bar shows the URL: edrawsoft.com/ad/edraw-max.html?gclid=CjwKCAjww5r8BRB6EiwArcckC3yOjxtU0L3goVsl8wwZutCleafXV21esauHEzhBFolpxAGK-_VhoCr5UQAvD_BwE. The browser's bookmark bar shows various links like 'Apps', 'Google Accounts', 'Search Results - Mi...', 'Outlook 2010 - Aut...', 'Livemocha', 'Mail Server | MDae...', 'ISA Server 2006 Ov...', 'Reset forgotten/los...', 'Google', '1 Install Mdaemon...', and 'Other bookmarks'. The website header features the 'edraw by wondershare' logo, a 'FREE DOWNLOAD' button with a Windows icon, and a 'CONTACT SALES' button. The main content area has a blue background with the text 'All-in-One Diagram Software' and 'Creating flow chart, mind map, org charts, network diagrams and floor plans with rich gallery of examples and templates.' Below this, there are two 'FREE DOWNLOAD' buttons, one for Windows and one for Mac. A link 'Go to Linux >>' is also present. A large orange circle with the text '6,714,333 Downloads' is positioned next to the Mac download button. An arrow points from the Windows download button to the EdrawMax software interface shown in a preview window. The software interface displays a floor plan diagram with dimensions and various toolbars. The Windows taskbar at the bottom shows icons for Photoshop, Illustrator, WhatsApp, Telegram, and other applications. The system clock indicates 6:03 PM on 10/14/2020.

Lab Assignment 1 | Visual Paradigm Online - Suite of | Maju-Login | EdrawMax - All-in-One-Diagram

edrawsoft.com/ad/edraw-max.html?gclid=CjwKCAjww5r8BRB6EiwArcckC3yOjxtU0L3goVsl8wwZutCleafXV21esauHEzhBFolpxAGK-_VhoCr5UQAvD_BwE

Apps | Google Accounts | Search Results - Mi... | Outlook 2010 - Aut... | Livemocha | Mail Server | MDae... | ISA Server 2006 Ov... | Reset forgotten/los... | Google | 1 Install Mdaemon... | Other bookmarks

edraw by wondershare

FREE DOWNLOAD

CONTACT SALES

All-in-One Diagram Software

Creating flow chart, mind map, org charts, network diagrams and floor plans with rich gallery of examples and templates.

FREE DOWNLOAD

FREE DOWNLOAD

Go to Linux >>

6,714,333 Downloads

https://download.edrawsoft.com/edraw-max_full5371.exe

6:03 PM 10/14/2020

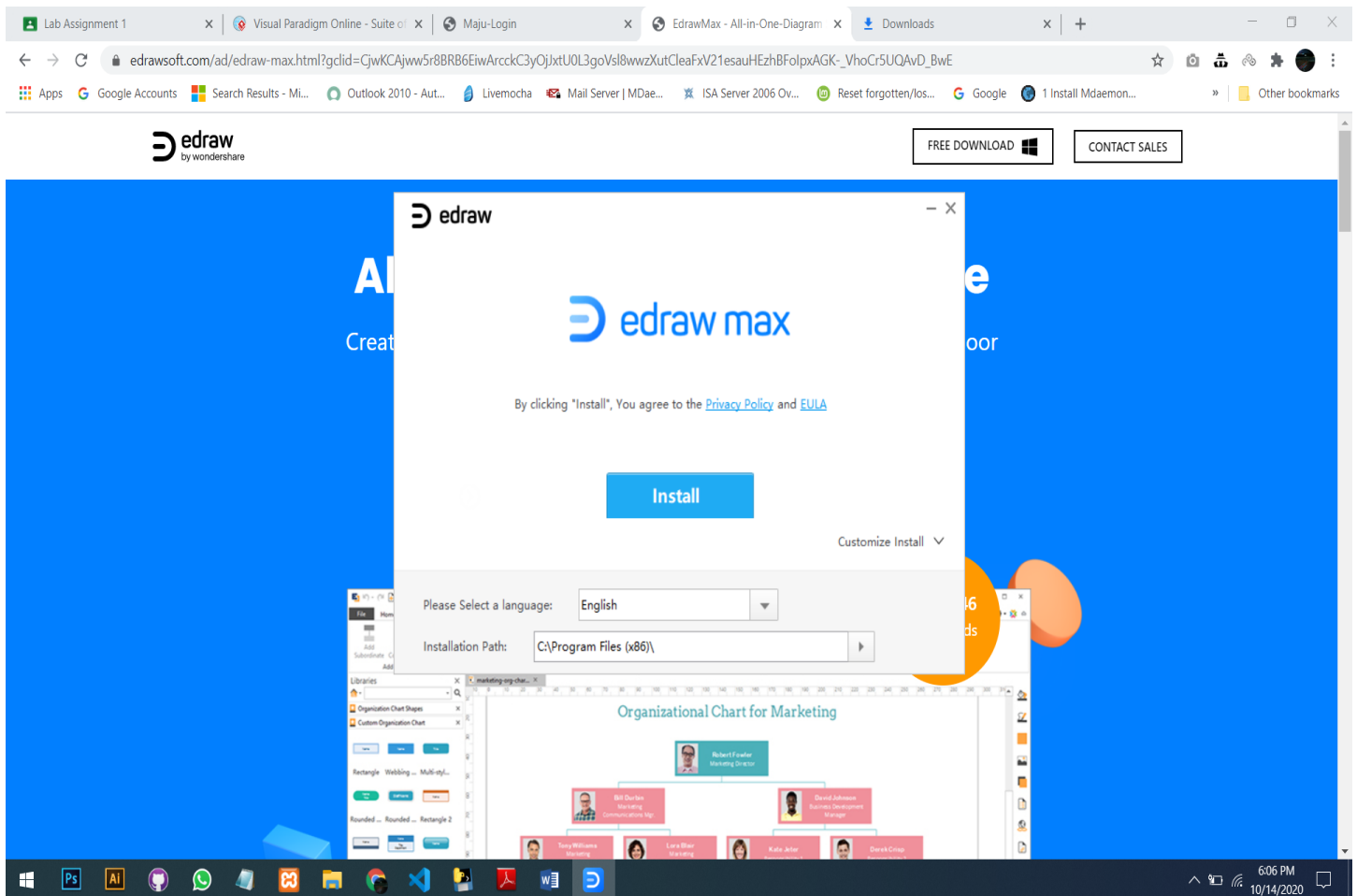
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The image displays a screenshot of a web browser window showing the EdrawMax website. The website has a blue header with the Edraw logo and navigation links for 'FREE DOWNLOAD' and 'CONTACT SALES'. The main content area features the text 'All-in-One Diagram Software' and a description: 'Creating flow chart, mind map, org charts, network diagrams and floor plans with rich gallery of examples and templates.' Below this, there are two buttons for 'FREE DOWNLOAD' (Windows and Apple) and a link 'Go to Linux >>'. A large orange circle with the text '6,714,342 Downloads' is positioned over the Windows download button. The browser's address bar shows the URL 'edrawsoft.com/ad/edraw-max.html?gclid=CjwKCAjww5r8BRB6EiwArcckC3yOjxtUOL3goVsl8ww2XutCleaFv21esauHEzhBFolpxAGK_VhoCr5UQAvD_BwE'. The Windows taskbar at the bottom shows the 'edraw-max_setup_...exe' file being downloaded, with a context menu open showing options like 'Open', 'Always open files of this type', 'Show in folder', and 'Cancel'. The taskbar also displays various application icons and the system clock showing 6:03 PM on 10/14/2020.

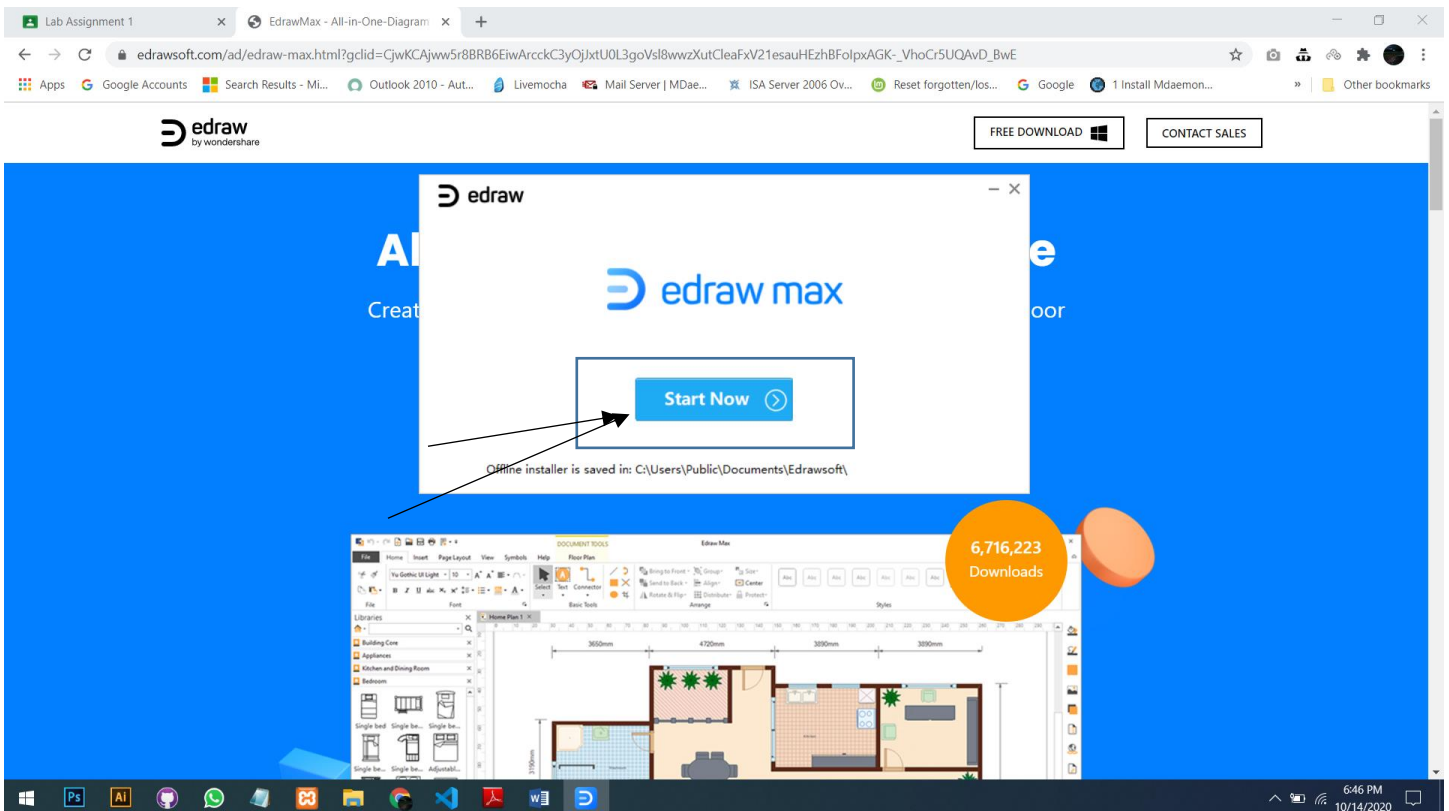
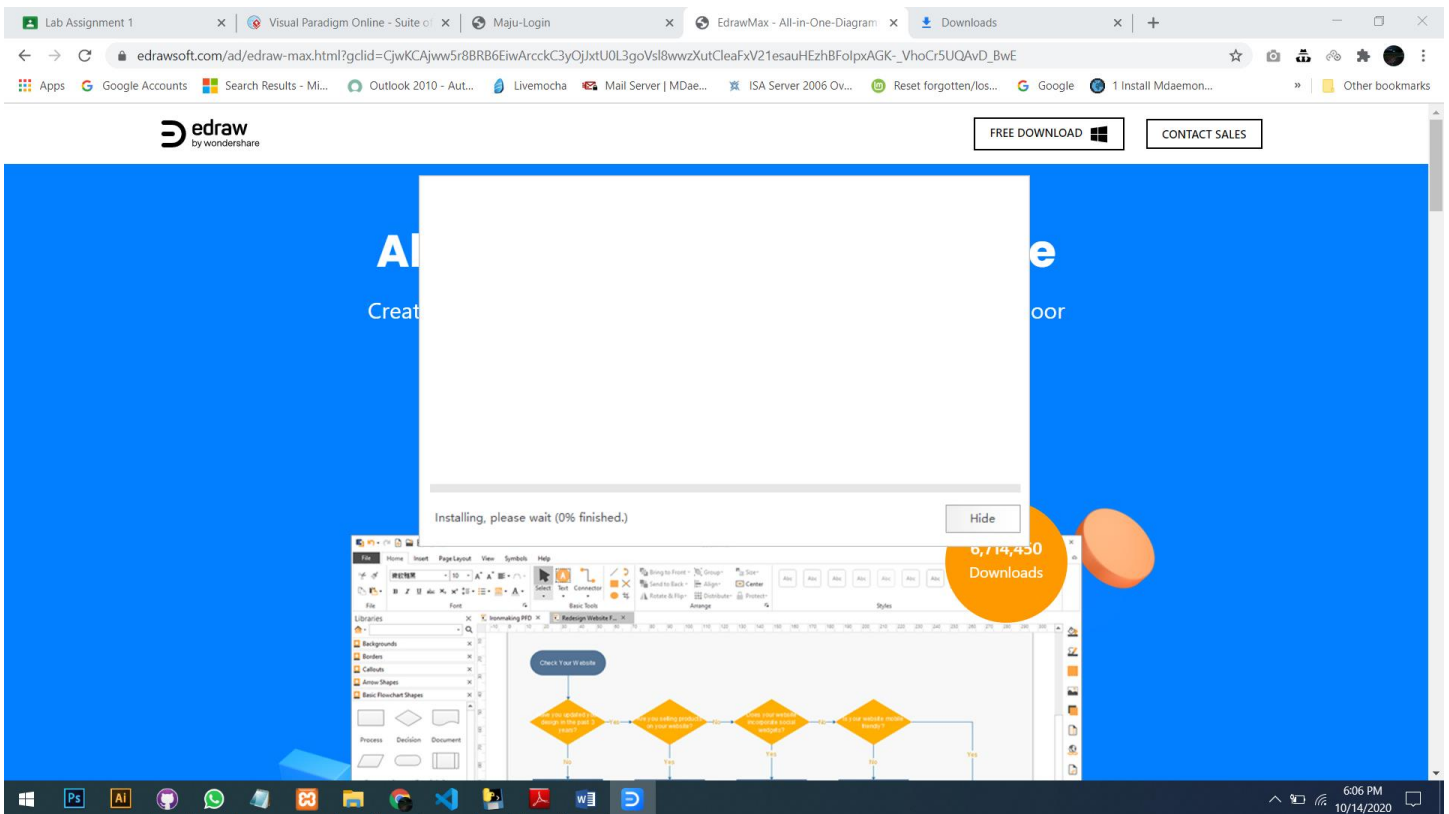
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As the installation, complete click on start button.

Bonus Question:

Draw the activity diagram of your daily routine (breakfast , university classes , sports, lunch ,dinner) using Visual Paradigm Online and share the screen shoot

Answer:

