



# Creating concept maps using VUE

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# Meaning of Concept(s)

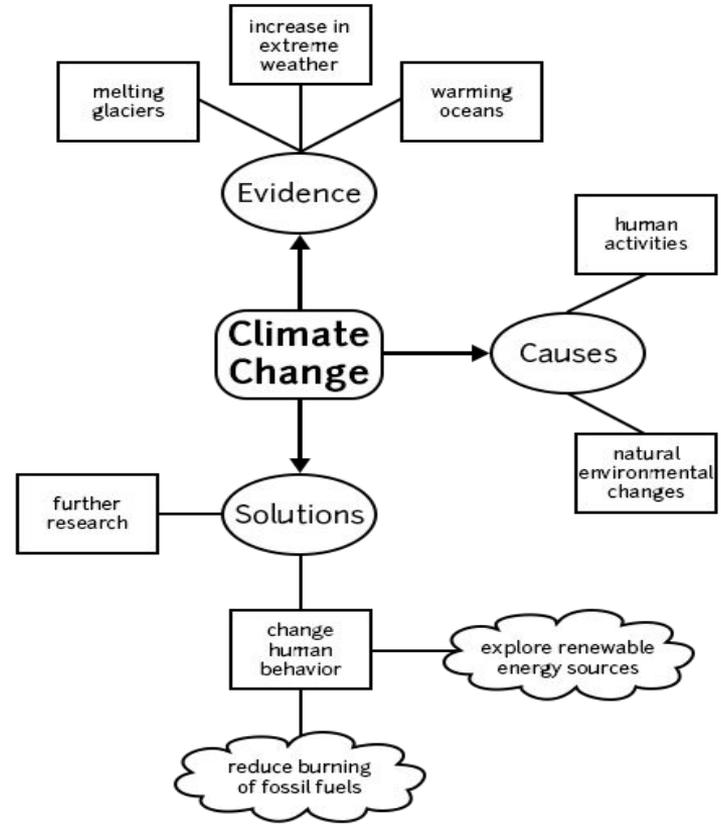
- Concepts are defined as **abstract ideas** or **general notions that occur in the mind, in speech, or in thought.**
- Concepts are understood as the fundamental building blocks of ideas and beliefs and thoughts.

Examples: (Bravery, Dance forms, Happiness, Money, Time, Values, Truth etc.)

**उदाहरण:** बहादुरी, नृत्य रूप, खुशी, पैसा, समय, मूल्य, सत्य आदि

# (Concept Maps)

Concept maps begin with a main idea and then branch out to show the relationship between different ideas by breaking the main idea down into specific themes. This helps you understand how they are connected.



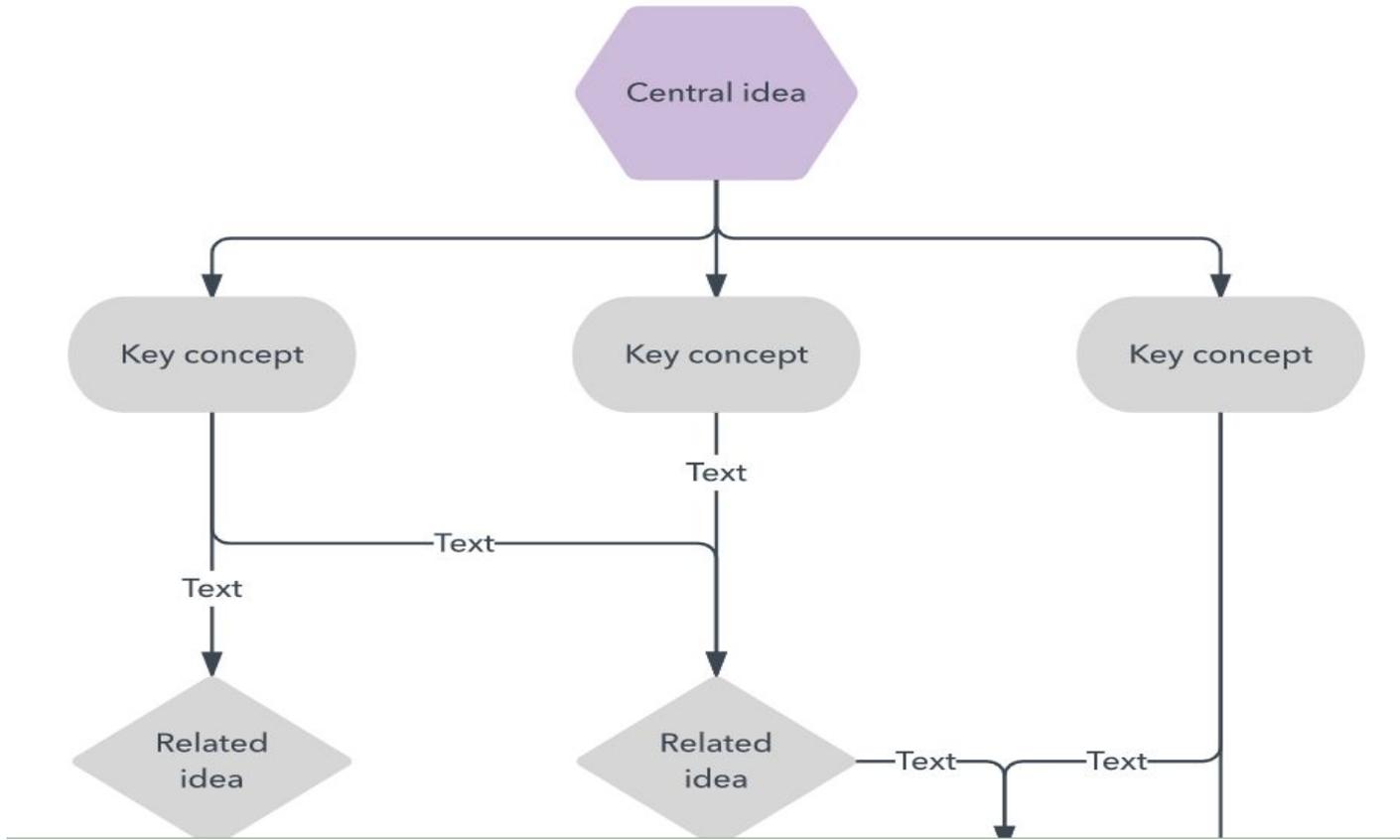
Source: <https://learningcenter.unc.edu/tips-and-tools/using-concept-maps/>

## Components of concept maps

Concept map whether simple or complex is made up of two key elements i.e. **Concepts & Relationships**

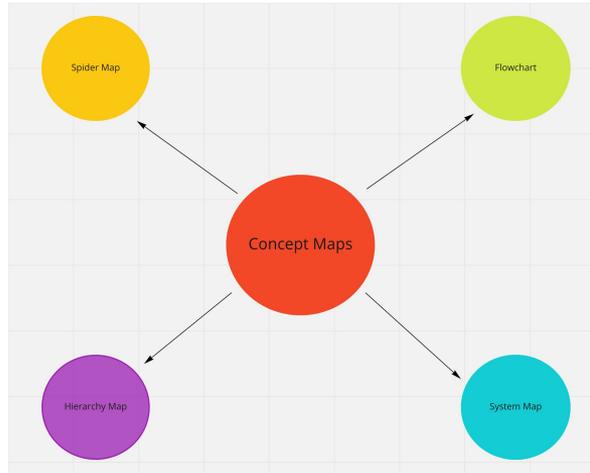
- 1) **Concepts:** Concepts are usually represented by circles, ovals or boxes and are called "nodes".
- 2) **Relationships:** These are represented by arrows that connect concepts, and arrows often include a connecting word or verb (but they don't have to). These arrows are called "cross-links".

Example:

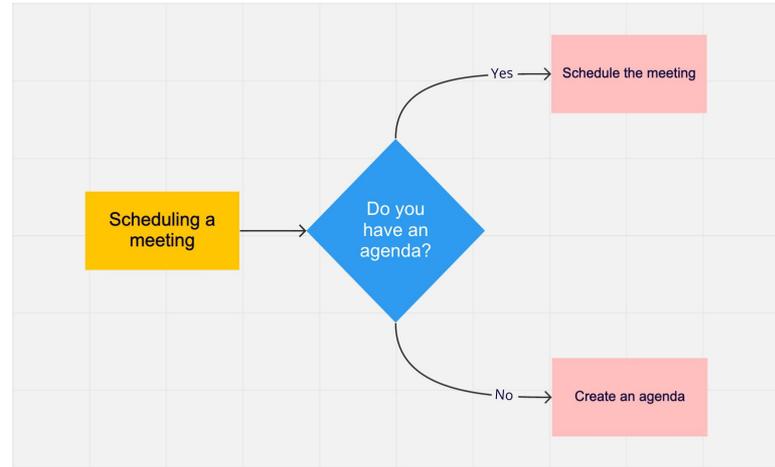


# Types of Concept maps

## SPIDER MAP

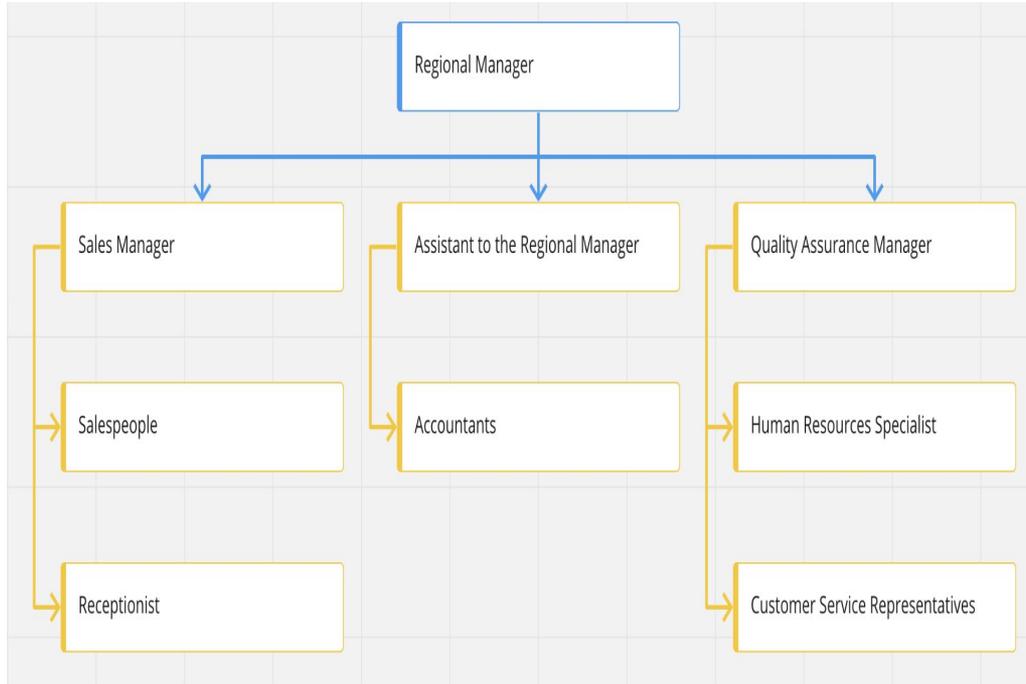


## FLOW CHART

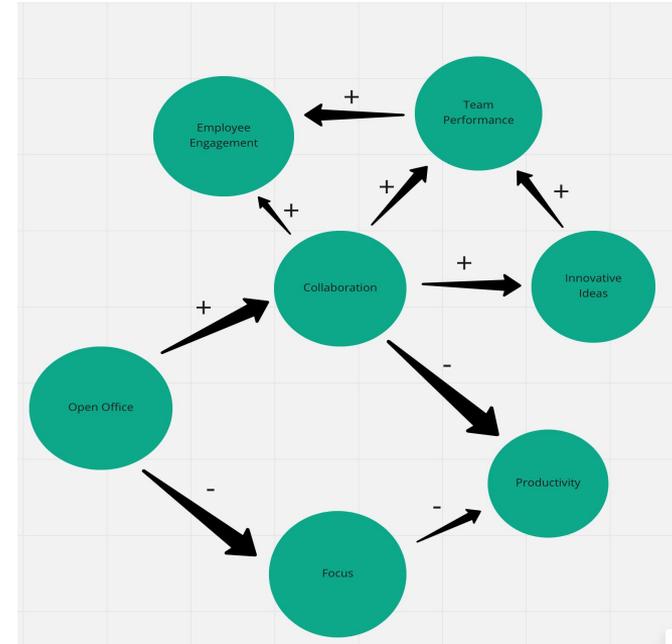


Source: <https://miro.com/blog/what-is-concept-map/>

## HIERARCHY MAP



## SYSTEM MAP



Source: <https://miro.com/blog/what-is-concept-map/>

## (Online Concept mapping tools)

- [Bubbl.us](https://bubbl.us)
- [Popplet](https://popplet.com)
- [MindMup](https://mindmup.com)
- Creately
- Coggle
- Lucidchart
- [MindMeister](https://www.mindmeister.com)
- Mindomo
- Spiderscribe

## Some free and open source concept mapping tools

1. Free Mind
2. Edraw Mind Map
3. Docear
4. VUE
5. Freeplane
6. Coggle,
7. Xmind,WiseMapping
8. Mind42
9. 3D Topicscape

# Use of Concept mapping

- By using concept-mapping technique the learner is not only passive, but also active in the learning process
- Constructs learned ideas and information, and meaningfully able to relate the concepts learned.
- Students can organize and present their knowledge on any topic.
- Students can learn with better vision,It helps students see the big picture

## (Comparison Table of Top Mind Mapping Tools)

Mindmap software	Platform	Use	Import/Export Files
<b>EdrawMind</b>	Windows, Mac, Linux, Android, iOS, Web-based.	Mind mapping, brainstorming, presentation, project management, make outlines, team collaboration.	Import: Word, HTML, Markdown, MindManager, XMind, FreeMind.  Export: Images, PDF, MS Word, Excel, PPT, HTML, SVG, MindManager.
<b>Mindomo</b>	iPad, Windows, Mac, Android, Linux	For concept mapping and education.	You can import Image, Audio, & Video
<b>FreeMind</b>	Windows Mac Linux	Maps, Charts, Diagrams.	The file can be exported as PDF, image, and HTML.
<b>MindManager</b>	Windows Mac	Maps, Charts, Diagrams.	Files, links & related notes can be connected.
<b>Lucid Chart</b>	Web-based	Flowcharts, process maps, and much more.	Live data can be connected or imported.

<b>Bubbl.us</b>	Web-based	Mapping, Outlining, Big Data Presenting.	You can import files and images.
<b>MindMup</b>	Web-based	Mind maps.	You can add images and attach files. Convert maps to PDF, Powerpoint presentations, outlines.
<b>Coggle</b>	Web-based	Flowcharts, Process maps & other diagrams.	You can add any number of images.
<b>XMind 8</b>	Windows Mac OS	Mind mapping Business Charts.	Maps can be exported to the image, PDF, Word, Excel, Powerpoint, HTML, RTF, Plain Text, SVG etc.
<b>MindGenius</b>	Windows	Mind mapping, Project management, Brainstorming.	It supports PDF, Word, Excel etc.
<b>Creately</b>	Windows Mac Android iOS	Flowcharts, UML, Mockups etc.	Visio Files Export as PDF, image, SVG file.

## VUE: Introduction

- The Visual Understanding Environment (VUE) is an [open source project](#) developed by the [Academic Technology Group at Tufts University](#).
- Visual Understanding Environment (VUE) provides features to [create mind maps and charts](#), [easily format and interpret items](#), use layers, and analyze charts in multiple formats.
- Visual Understanding Environment (VUE) is an application for [concept and content mapping](#) for students, academicians, CEOs, managers and writers that provides a simple yet powerful tool

- Visual Understanding Environment (VUE) is a concept and content mapping application, developed to support teaching, learning and research and for anyone who needs to organize, contextualize, and access digital information. Using a simple set of tools and a basic visual grammar consisting of nodes and links, faculty and students can map relationships between concepts, ideas and digital content.
- 
- VUE can be used to [organize digital content in non-linear ways](#) or as an interface.

- As the availability of digital information increases, VUE differentiates itself as a flexible tool helping teachers and students integrate, organize and contextualize electronic content in their work.
- Digital content can be accessed through the web and with the help of VUE "Resource Panel"
- Helps develop higher-order thinking skills, including analytical skills.
- Concept maps can be used by students to organize their knowledge

## Features of VUE

- Allows presenters to create **annotated trails** through their maps,
- The Pathways feature also provides a **"slide view"** of information on the map.
- Slide mode lets the presenter toggle between map view and slide view while focusing on the content
- VUE can be used by anyone interested in the visual structuring of digital content,

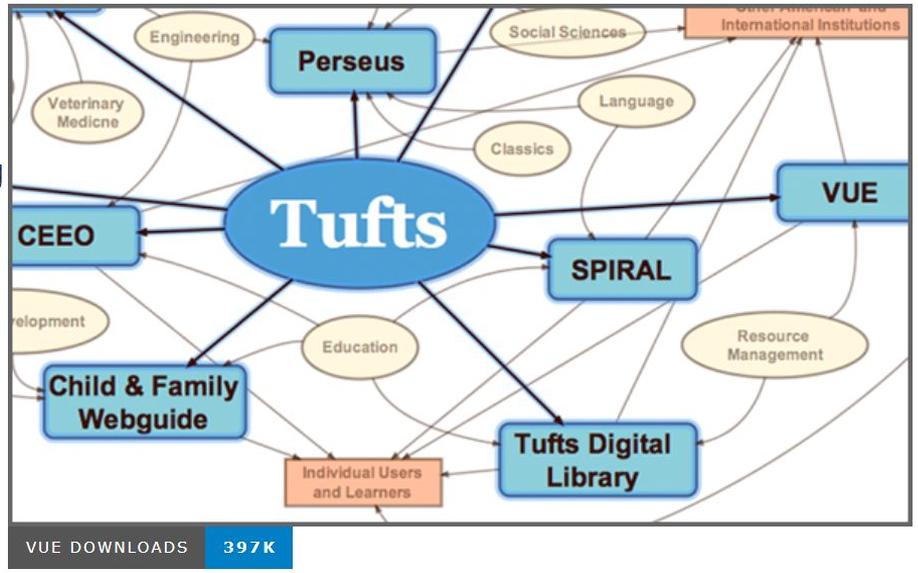


# Visual Understanding Environment

Flexible concept mapping tools for managing and integrating digital resources in support of teaching, learning and research.

Download

Mac / Windows / Linux





## Downloads

3.3.0 is available for download.

Latest release: October 8, 2015 / 3.3.0

## Windows

[Download VUE for Windows](#)

After downloading, double-click on the vue.exe icon on your desktop and follow the directions to install VUE.

## Mac OS

[Download VUE for the Mac OS](#)

[https://github.com/VUE/VUE/releases/download/3.3.0/VUE\\_Installer.zip](https://github.com/VUE/VUE/releases/download/3.3.0/VUE_Installer.zip) VUE.app to your applications folder.

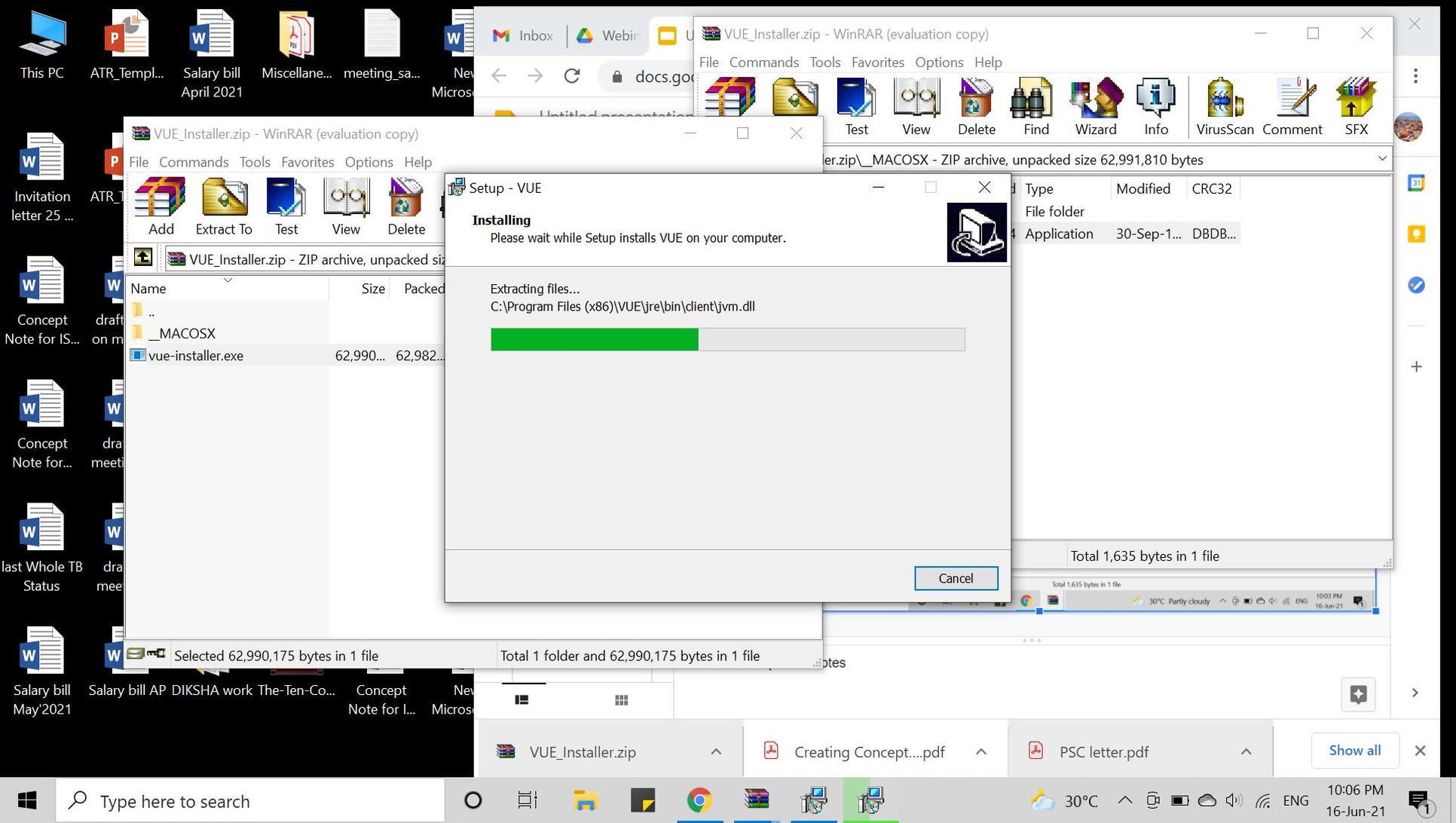
Name	Size	Packed	Type	Modified	CRC32
..			File folder		
vue-installer.exe	1,635	1,254	Application	30-Sep-1	

Open File - Security Warning

**The publisher could not be verified. Are you sure you want to run this software?**

 Name: ...\\Temp\\Rar\$EXa0.296\\_MACOSX\\_vue-installer.exe  
Publisher: **Unknown Publisher**  
Type: Application  
From: C:\\Users\\lenovo\\AppData\\Local\\Temp\\Rar\$EXa0.29...

 This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust.  
[How can I decide what software to run?](#)



VUE\_Installer.zip - WinRAR (evaluation copy)

File Commands Tools Favorites Options Help

docs.google.com

Test View Delete Find Wizard Info VirusScan Comment SFX

er.zip\\_MACOSX - ZIP archive, unpacked size 62,991,810 bytes

Type	Modified	CRC32
File folder		
Application	30-Sep-1...	DBDB...

Total 1,635 bytes in 1 file

Setup - VUE

**Installing**

Please wait while Setup installs VUE on your computer.

Extracting files...

C:\Program Files (x86)\VUE\jre\bin\client\jvm.dll

Cancel

VUE\_Installer.zip - WinRAR (evaluation copy)

File Commands Tools Favorites Options Help

Add Extract To Test View Delete

VUE\_Installer.zip - ZIP archive, unpacked size

Name	Size	Packed
..		
.._MACOSX		
vue-installer.exe	62,990...	62,982...



Empty Map

# Example

