NUV YUVA 2022

HACK FOR CHANGE - HACKATHON

PRESENTED BY GROUP 3

PROJECT SYNOPSIS

THIS IS ABOUT THE DEVELOPMENT OF A COMMUNITY CONNECT WITH TRAINED NCC/ NSS VOLUNTEERS FOR REMOTE LOCATIONS DURING DISASTER . IT IS REQUIRED TO CREATE A SYSTEM OR SOFTWARE WHERE ALL VOLUNTEERS CAN BE ENROLLED, COMMUNICATE ABOUT VAROIUS VARIOUS ACTIVITIES THAT KEEP THEM CONNECTED, INTERESTED AND INVOLVED AND SHOULD BE REGISTERED DISTRICT WISE.

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NCC/ NSS SERVER

COLLECT THE PERSONAL DETAILS SO AS TO STORE IN THE DBMS.

PERSONAL DETAILS

1. VOLUNTEER'S NAME
2. DATE OF BIRTH
3. CONTACT DETAILS:
    i) EMAIL
    ii)MOBILE NUMBER
    iii)LANDLINE NUMBER
4. HOME LOCATION
5. NCC/NSS JOINING AND COMPLETION DATE
6. WING

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PERSONAL DETAILS

IT HAS TO BE COLLECTED AND TO BE STORED FOR THE VOLUNTEERS AND NDRF TO VIEW

SOS

SHOULD BE ABLE TO SEND SOS MESSAGE ALONG WITH LOCATION TO NDRF , SDRF AND OTHER VOLUNTEERS .

NCC/NSS SERVER

SOCIAL MEDIA TEMPLATE

TEMPLATE SHOULD REPRESENT THE SIMPLE MESSENGER SOCIAL MEDIA TEMPLATE

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NDRF SERVER

DATABASE

ALL THE DETAILS ENTERED BY THE VOLUNTERS SHOULD BE VISIBLE .

SOS & TRACKER

THEY SHOULD ABLE TO SEND AND RECIEVE SOS MESSAGE ALONG WITH LOCATION AND SHOULD SHOULD ALSO BE ABLE TO TRACK THE LOCATION OF VOLUNTEERS.

SOCIAL MEDIA TEMPLATE

SHOULD HAVE A SOCIAL MEDIA TEMPLATE.

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This is the introductory page of the website , from where we can navigate into the next page by clicking onto the the "HELLO !" text .

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7. Untitled

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Here , each important element of the website are given different webpages. if you click onto these words , they would navigate through those pages immediately.

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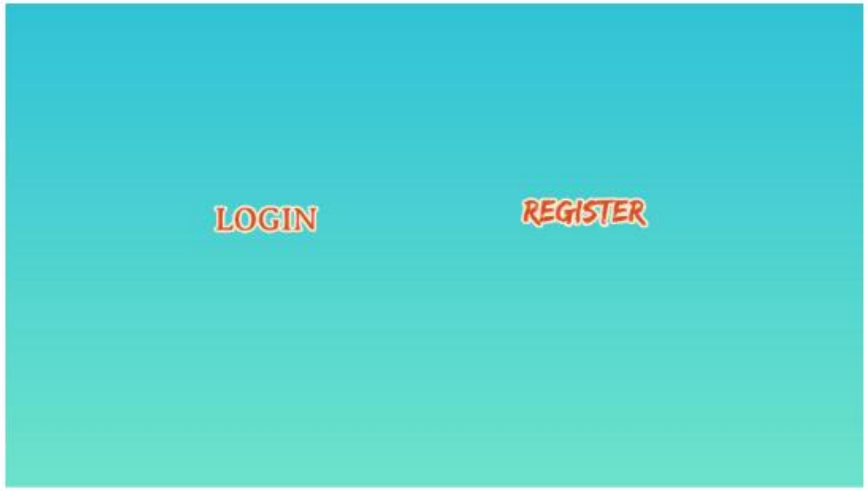

This is the first page we would see, if we navigate through any of the given above panels. Here again through the word links ,another webpage will be opened to navigate through.

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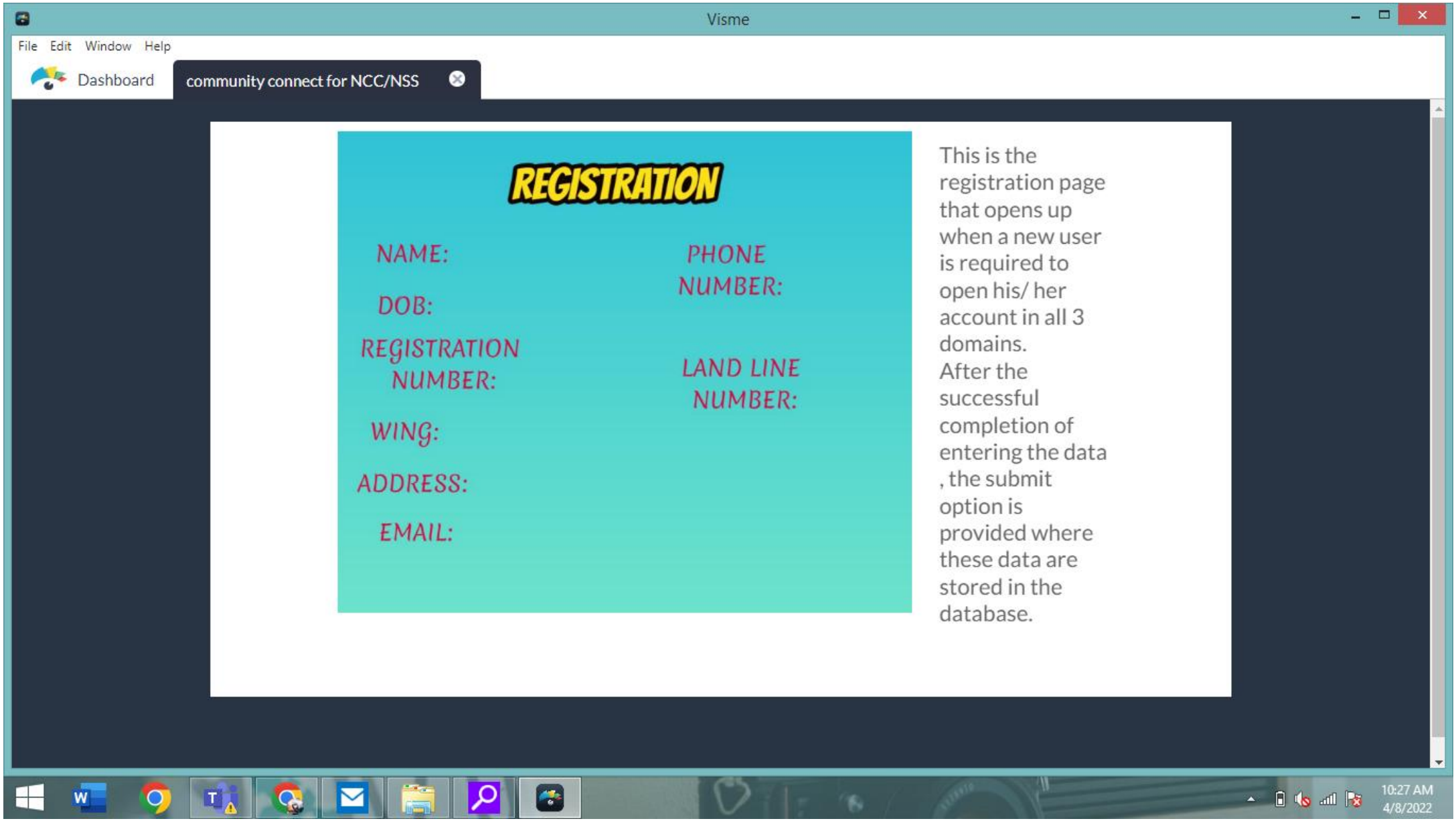
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REGISTRATION
NAME:
PHONE NUMBER:
DOB:
REGISTRATION NUMBER:
LAND LINE NUMBER:
WING:
ADDRESS:
EMAIL:
This is the registration page that opens up when a new user is required to open his/ her account in all 3 domains.
After the successful completion of entering the data , the submit option is provided where these data are stored in the database.
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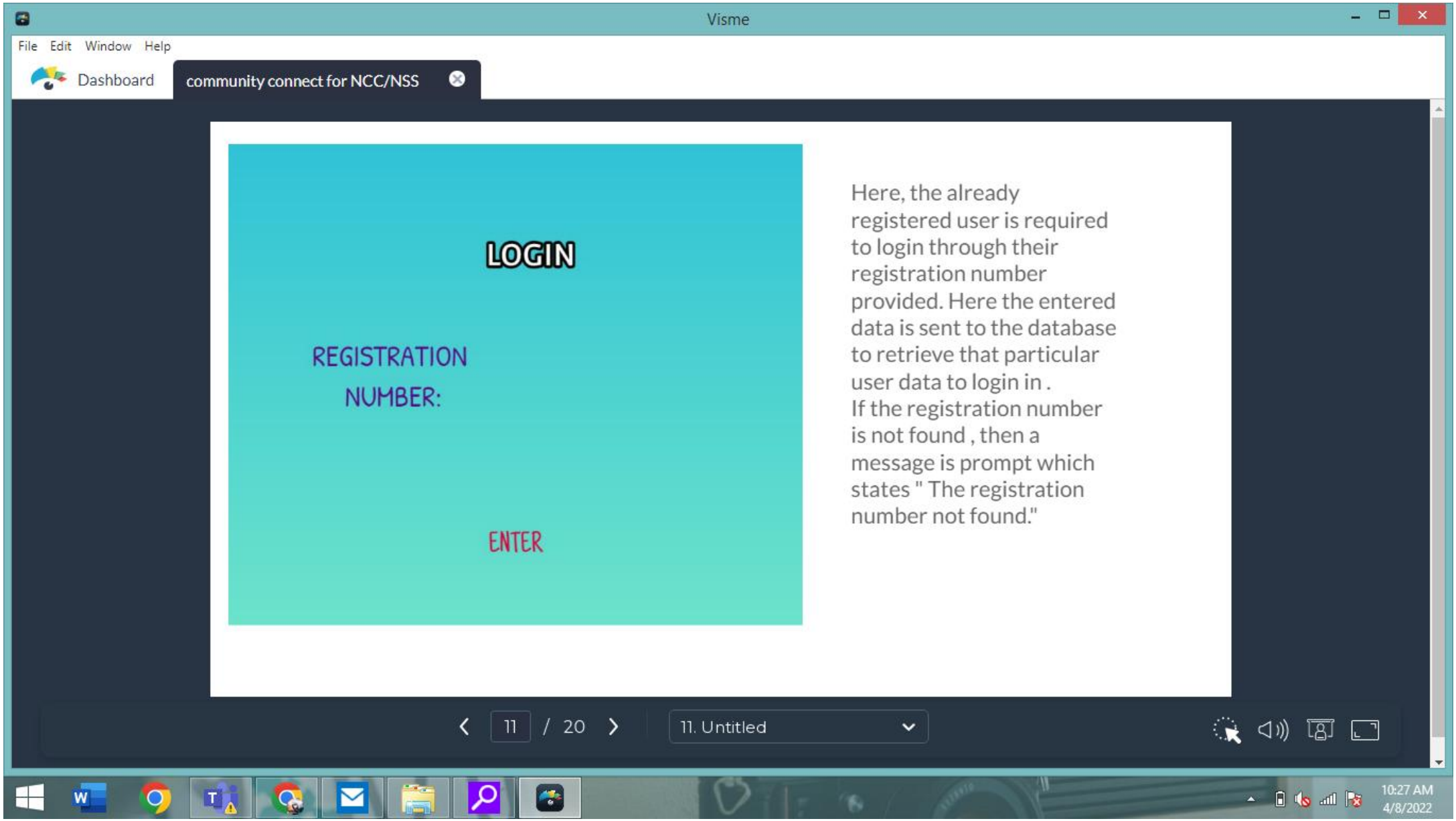
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Dashboard
community connect for NCC/NSS
LOGIN
REGISTRATION NUMBER:
ENTER
Here, the already registered user is required to login through their registration number provided. Here the entered data is sent to the database to retrieve that particular user data to login in .
If the registration number is not found , then a message is prompt which states " The registration number not found."
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11. Untitled
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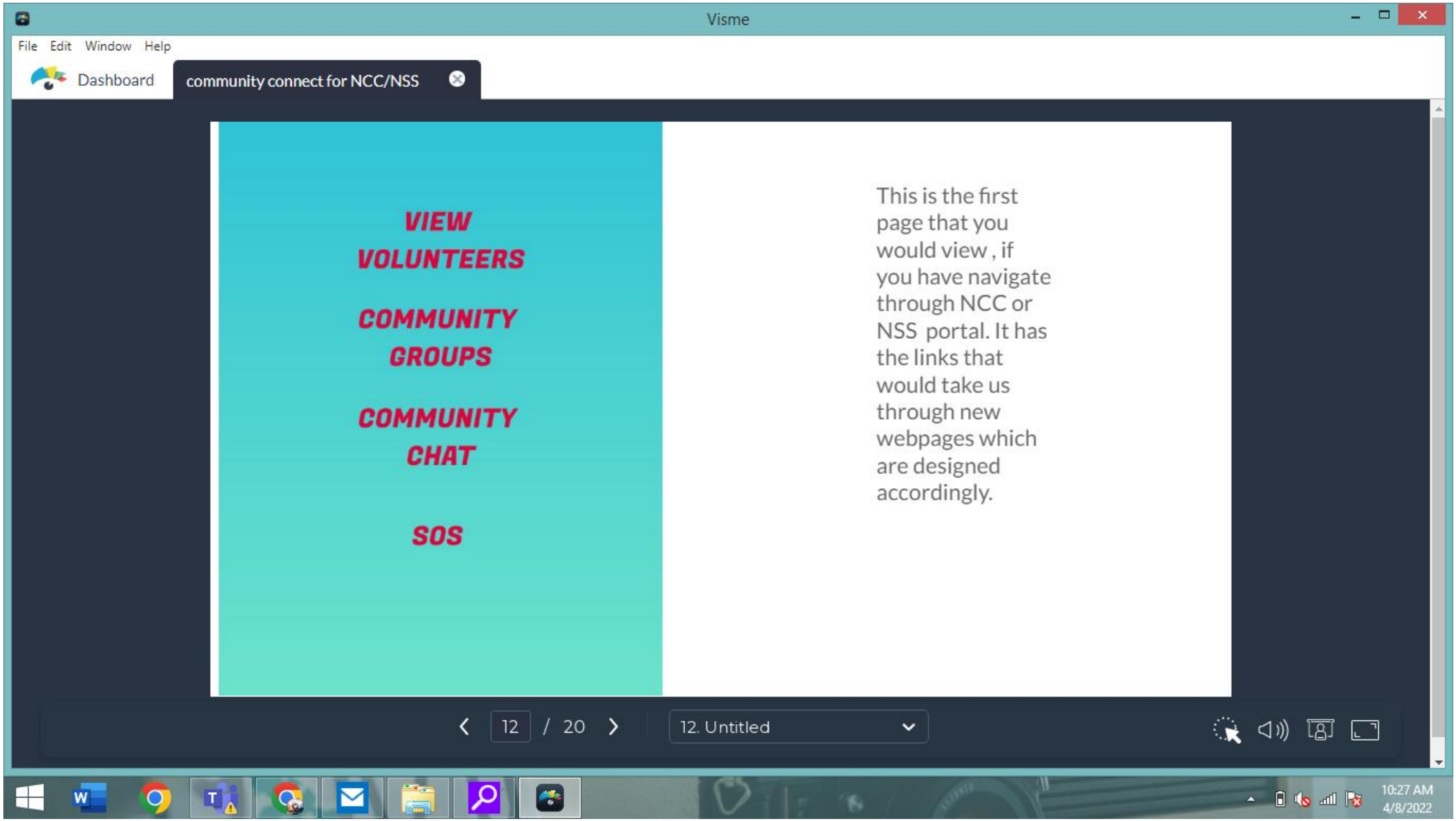
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File Edit Window Help
Dashboard
community connect for NCC/NSS
VIEW VOLUNTEERS
COMMUNITY GROUPS
COMMUNITY CHAT
SOS
This is the first page that you would view , if you have navigate through NCC or NSS portal. It has the links that would take us through new webpages which are designed accordingly.
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12. Untitled
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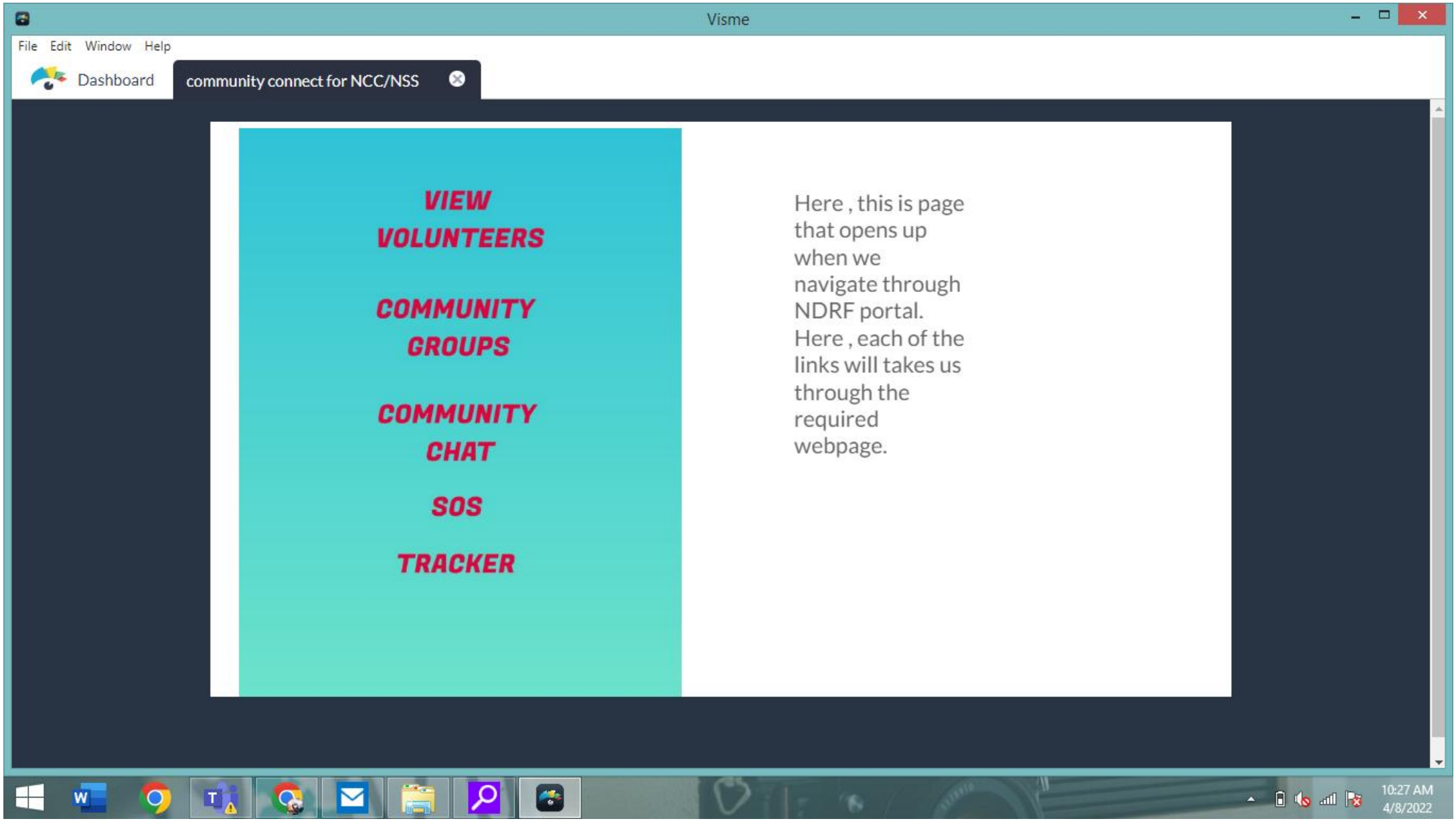
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File Edit Window Help
Dashboard
community connect for NCC/NSS
VIEW VOLUNTEERS
COMMUNITY GROUPS
COMMUNITY CHAT
SOS
TRACKER
Here , this is page that opens up when we navigate through NDRF portal. Here , each of the links will takes us through the required webpage.
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SPECIFICATIONS AND USES

VIEW VOLUNTEERS

Here in the view volunteers web page, the database of all NCC and NSS volunteers will be displayed to all . This is done so as to connect people with each other. The difference in application is brought in the "filter" option. In NCC & NSS webpages , the filter option will only contain the options of : District, State and Wing while in the NDRF webpage , the filter options will be : District, State, Wing , NCC and NSS. There will be "sort to" option , which will sort out the data based on : A-Z and Z-A options on all the portals.

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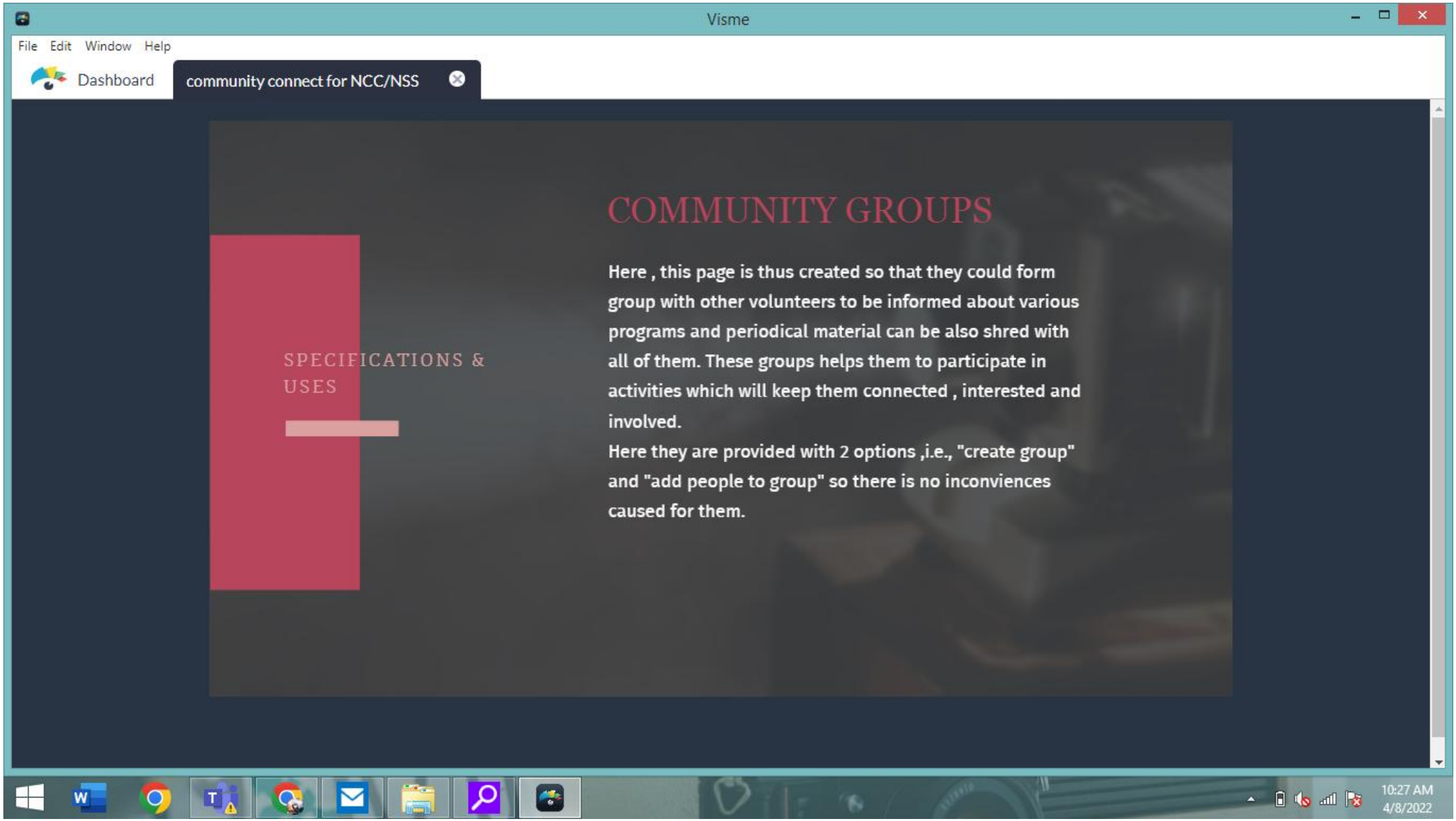
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community connect for NCC/NSS
SPECIFICATIONS & USES
COMMUNITY GROUPS
Here , this page is thus created so that they could form group with other volunteers to be informed about various programs and periodical material can be also shred with all of them. These groups helps them to participate in activities which will keep them connected , interested and involved.
Here they are provided with 2 options ,i.e., "create group" and "add people to group" so there is no inconviences caused for them.
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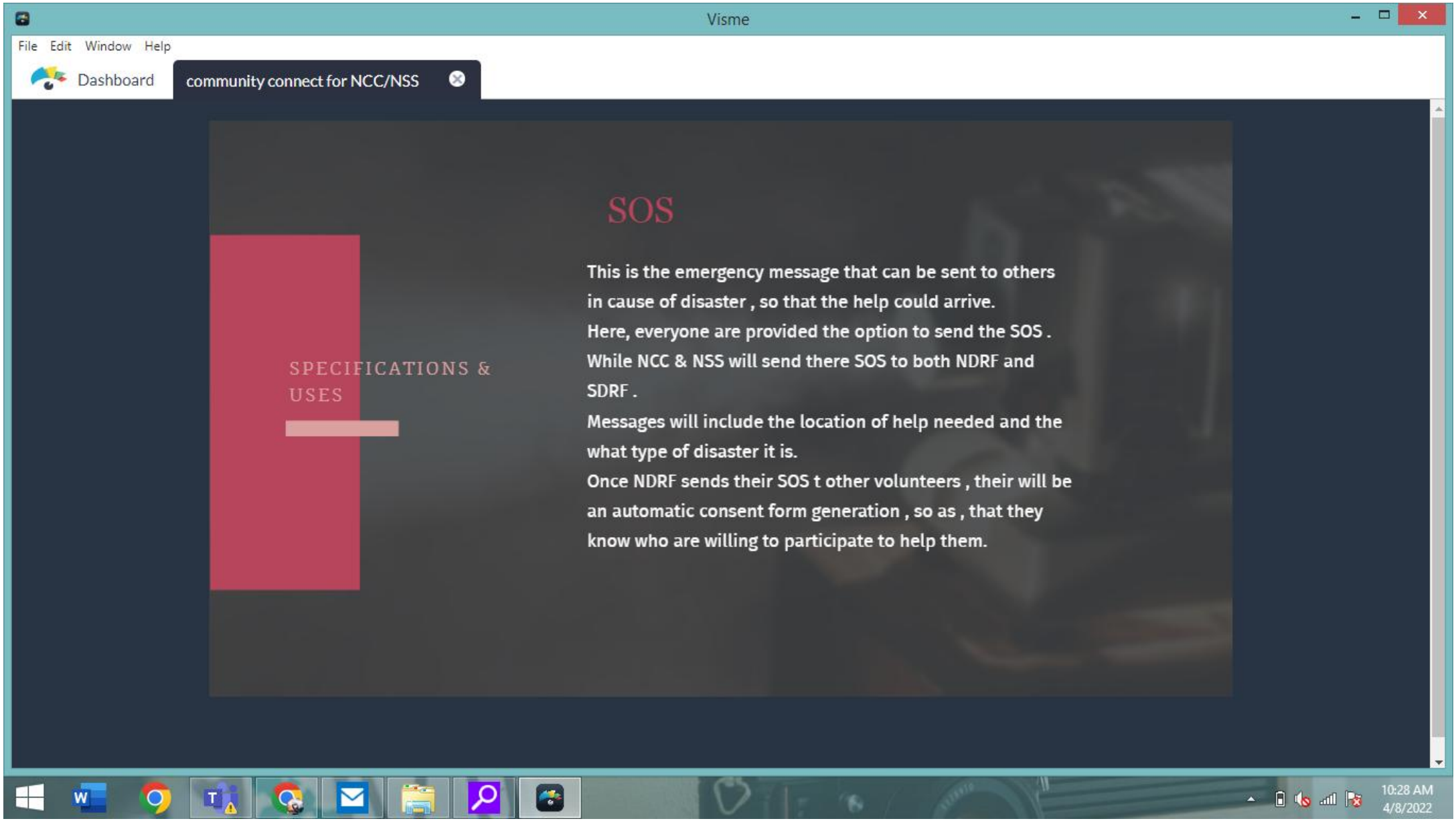
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Dashboard
community connect for NCC/NSS
SPECIFICATIONS & USES
SOS
This is the emergency message that can be sent to others in cause of disaster , so that the help could arrive.
Here, everyone are provided the option to send the SOS .
While NCC & NSS will send there SOS to both NDRF and SDRF .
Messages will include the location of help needed and the what type of disaster it is.
Once NDRF sends their SOS t other volunteers , their will be an automatic consent form generation , so as , that they know who are willing to participate to help them.
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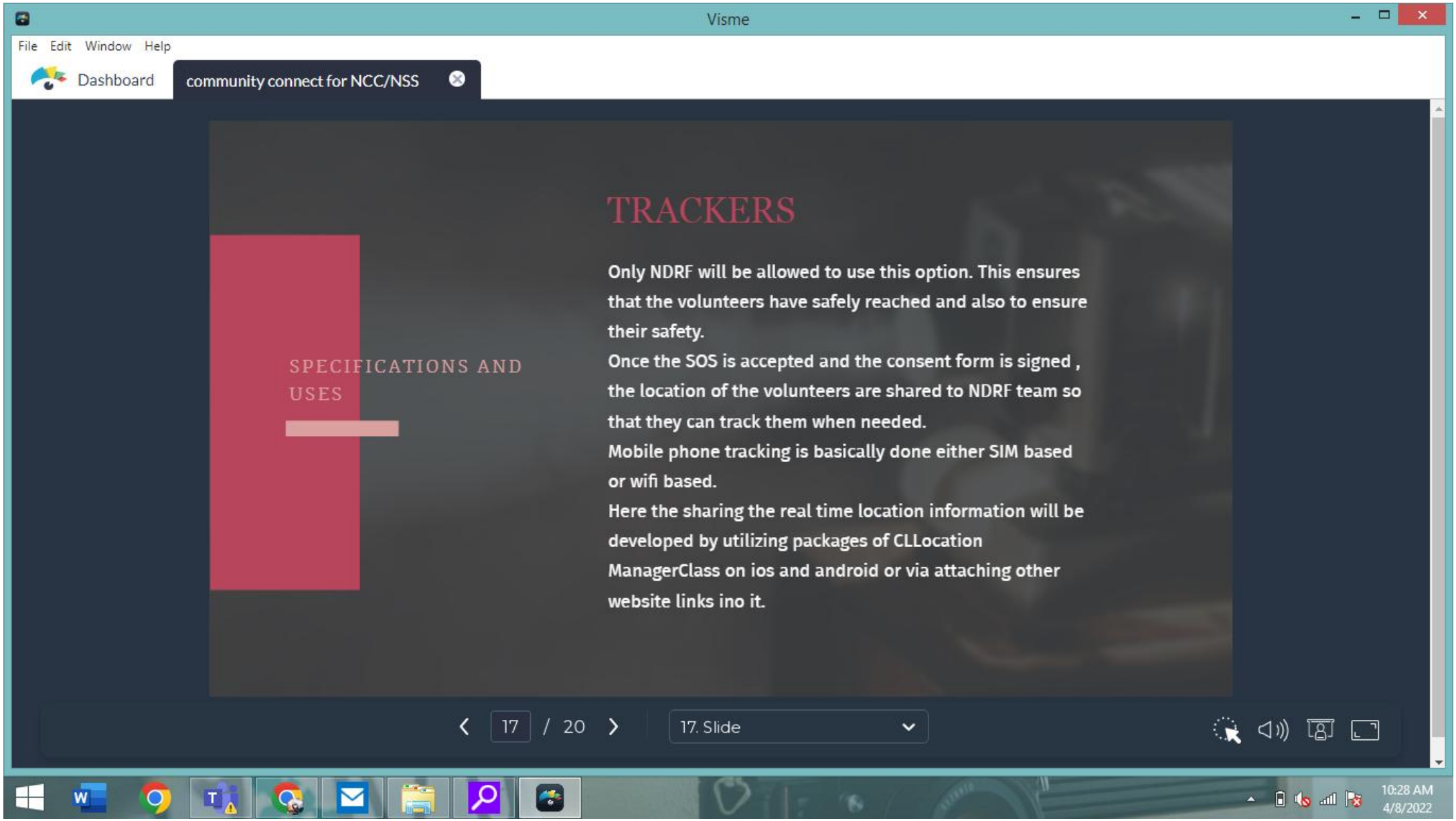
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Dashboard
community connect for NCC/NSS
SPECIFICATIONS AND USES
TRACKERS
Only NDRF will be allowed to use this option. This ensures that the volunteers have safely reached and also to ensure their safety.
Once the SOS is accepted and the consent form is signed , the location of the volunteers are shared to NDRF team so that they can track them when needed.
Mobile phone tracking is basically done either SIM based or wifi based.
Here the sharing the real time location information will be developed by utilizing packages of CLLocation ManagerClass on ios and android or via attaching other website links ino it.
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17. Slide
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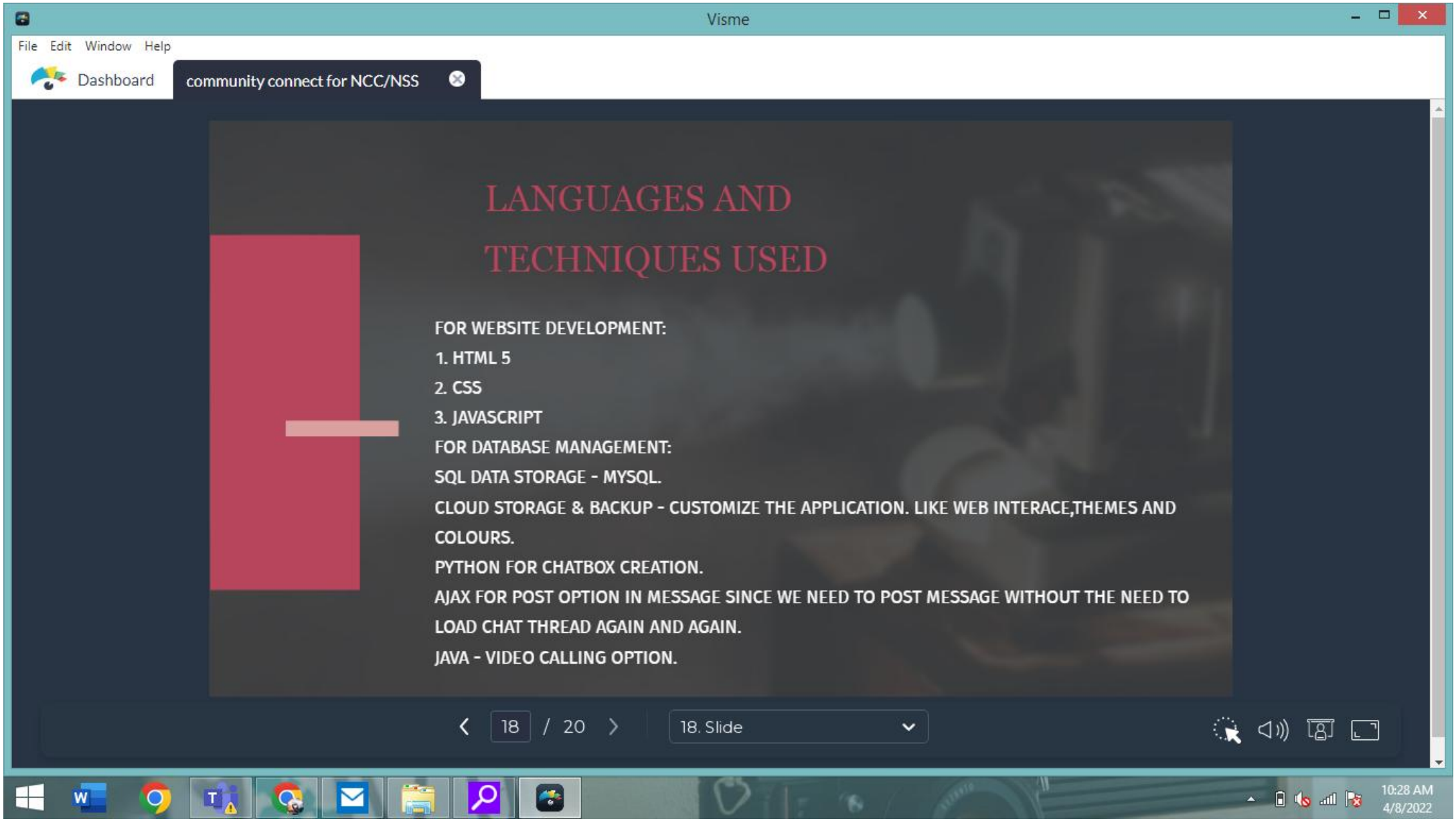
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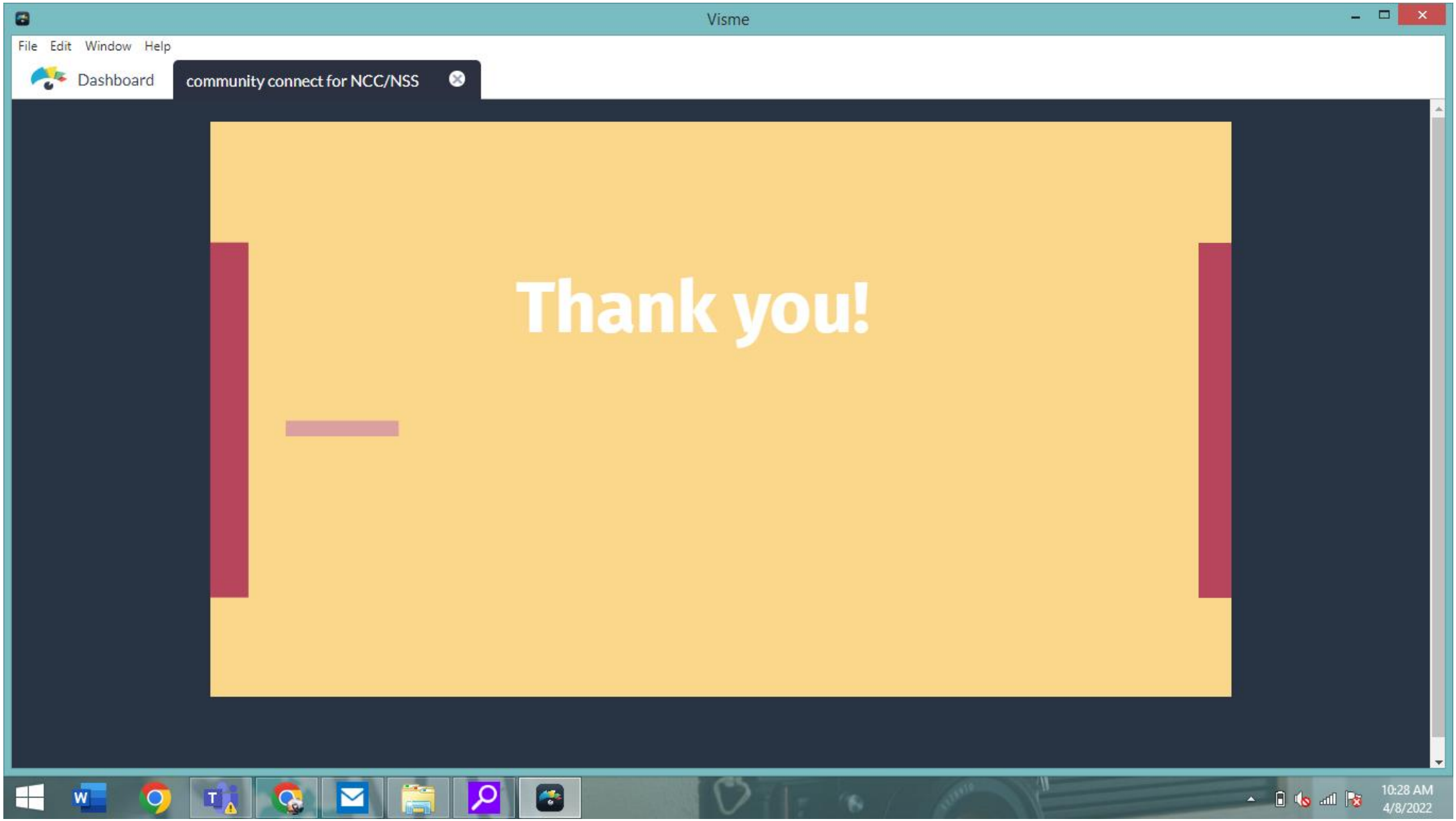
Dashboard
community connect for NCC/NSS
LANGUAGES AND
TECHNIQUES USED
FOR WEBSITE DEVELOPMENT:
1. HTML 5
2. CSS
3. JAVASCRIPT
FOR DATABASE MANAGEMENT:
SQL DATA STORAGE - MYSQL.
CLOUD STORAGE & BACKUP - CUSTOMIZE THE APPLICATION. LIKE WEB INTERACE,THEMES AND COLOURS.
PYTHON FOR CHATBOX CREATION.
AJAX FOR POST OPTION IN MESSAGE SINCE WE NEED TO POST MESSAGE WITHOUT THE NEED TO LOAD CHAT THREAD AGAIN AND AGAIN.
JAVA - VIDEO CALLING OPTION.
18 / 20
18. Slide
10:28 AM
4/8/2022


Visme
File Edit Window Help
Dashboard
community connect for NCC/NSS
Thank you!
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