Future Presentation - Generate Deliverables

Team:

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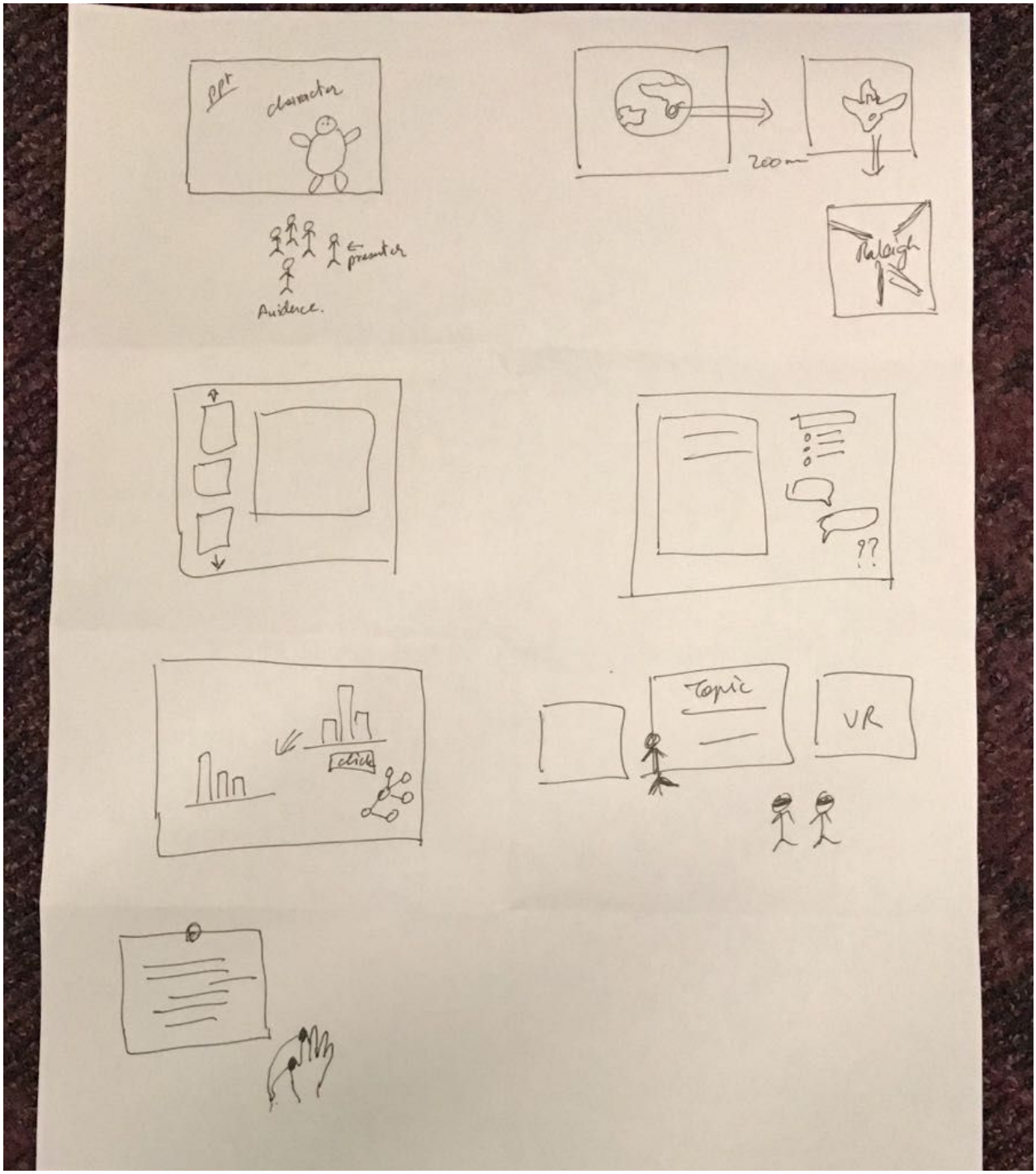
Balaji Radhakrishnan	bradhak

List of Ideas -

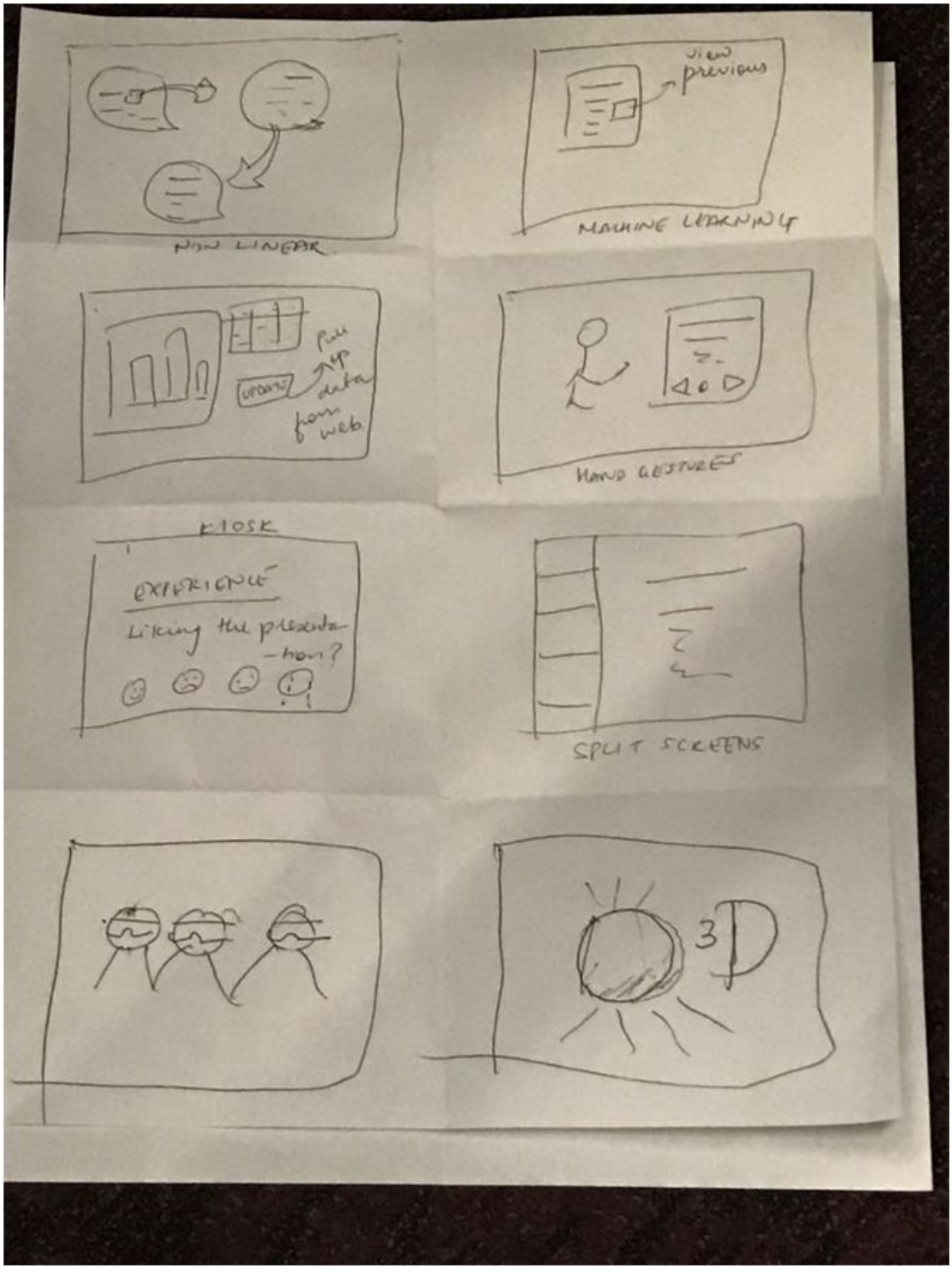
Rachit

- Prezi presentations can be used to remove linearity from the default presentations, it has specific topic zoom in-out feature, an index or a content, from which you can go into the topic in detail https://prezi.com/
- Make presentations, with a margin depicting all the slides, so that people know what to expect next or what has gone in past 2-3 slides
- Making presentations interactive by creating real-time polls, comments, questions that's are displayed on the screen along with the presentation
- Note making during the presentation for the audience, this would require some sort of hardware like "Sixth Sense" http://www.pranavmistry.com/projects/sixthsense/
- Using VR to make a lifelike presentation as a tour, audience members have liberty to explore on their own at their own pace, Multi-screen presentations, like the ones at Visualization lab at Hunt library.
- Ability to include runnable codes into presentations, as of now you can just add pictures, videos, audio, nothing more than that, like interactive charts, etc
- Including a character to interact with the audience, example, the presenter can have a cool character designed, the presenter becomes the part of the audience and ask questions and the character explains individual content. (can be useful to teach children in kindergarten, it will be fun way of learning) - https://www.youtube.com/watch?v=iMsJe3TymqY


character
presenter
Audience.
zoom
Raleigh
??
Topic
VR

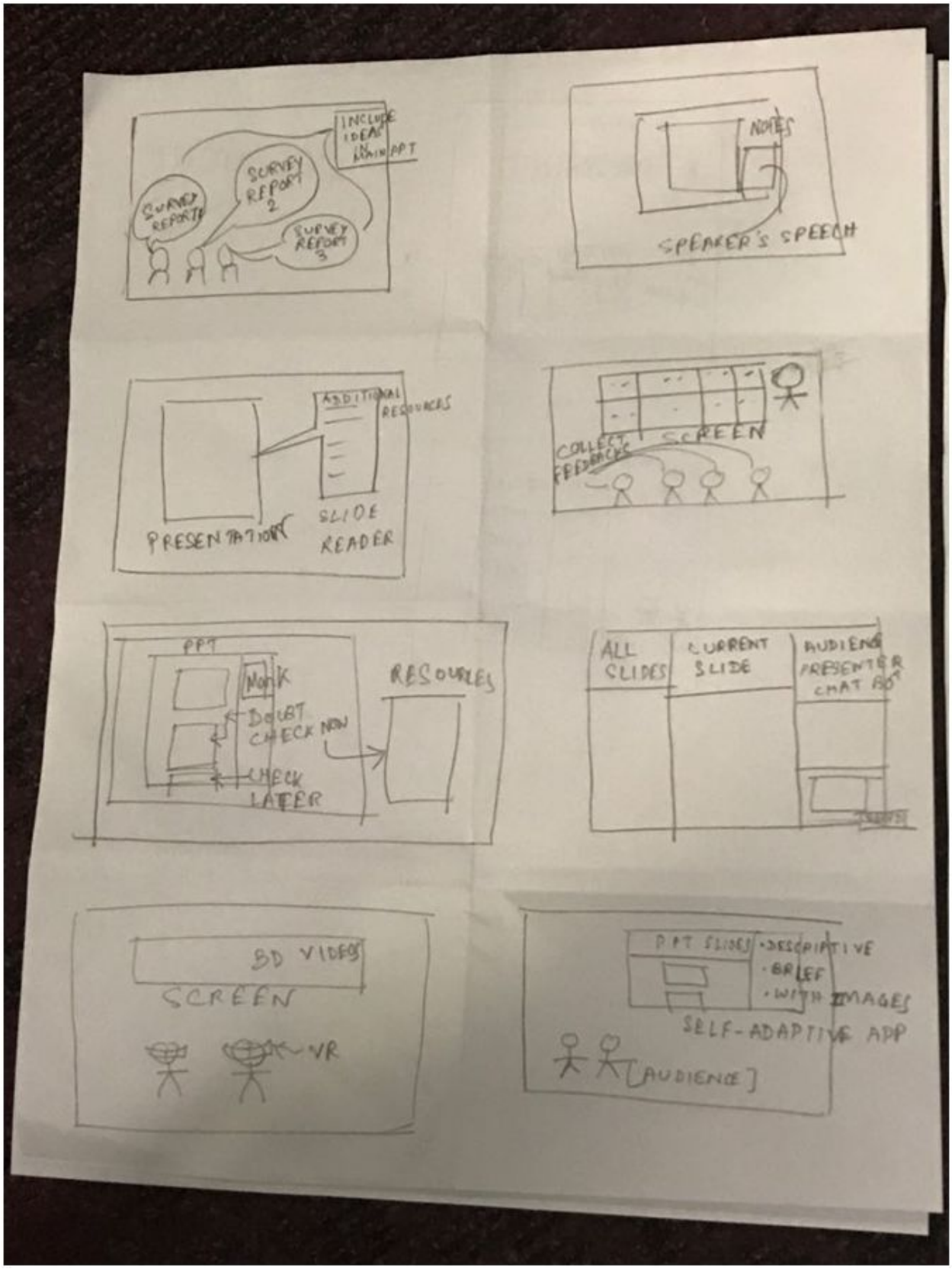
Palak

- Slides are boring so first improvement could be by making it non-linear so that audience doesn't lose interest and feel like they are given a tour of that topic.
- If over time same presentation is given, slides could learn from the past experience and suggest what comes next.
- Updating a presentation is a big task, if we are including some data in our presentation which tend to change over years, there can be some reminder sort of thing which reminds us to update that thing or directly pull up the data from the internet. Experience: In class, professor showed some old stats.
- If presentation could follow hand gestures. Transition from one slide to another would be easier.
- If presentation is given via some tech then involvement of the audience is very big issue. So, interesting questions or experience questions could be included in the presentation and if user is losing interest he can either switch to suggested topics or provide feedback.
- Use available space efficiently like split screens and utilize available space for different purposes.
- Use of special tools to make the experience better like VR headsets and 3D glasses.
- Presentation could be made in 3D so users doesn't lose interest while attending it.


NON LINEAR
view previous
MACHINE LEARNING
update
pull up data from web
HAND GESTURES
KIOSK
EXPERIENCE
Liking the presentation?
SPLIT SCREENS
3D

Akriti

- We can make presentation more effective by incorporating language set in real time. We can allow user to choose their own language set. Powerpoint presentation has a proofing language option currently which allows you to set the language.
- Using machine learning techniques to help author structure the content by providing suggested templates.
- Making real time editing possible in the powerpoint presentations by allowing a feature where the presentation can be shared among all the people viewing it along with the presenter and giving them the authority to edit that.(restricted)
- Adding up a feature which can read the presentation and create its timeline automatically. This may help user getting the insight of the topic beforehand.
- Adding interactivity to the presentation by allowing feedbacks, quizzes, multiple choice question answer in the presentation in real time and storing that data and retrieving it for further reference.
- Adding up a feature which allows the presenter or the author to shape the content properly by providing suggestions like- useful links, images, statistical data from the web when the presenter is creating the content.
- Adding a feature in the classic presentations which can incorporate data(images, videos) from different tools and support it. (like chemistry modeling tools)
- Adding a feature wherein the author's progress gets saved when he/she is creating the presentations that may help get a proper understanding of his/her progress and allow better updation.
- Adding a feature where the viewers can upvote or react to a particular slide in the presentation in real time. (like thumbs up, dislike, confused)
- A feature where the viewers can add comments that can be resolved later by presenter.


INCLUDE IDEAS IN MAIN PPT
SURVEY REPORT 1
SURVEY REPORT 2
SURVEY REPORT 3
NOTES
SPEAKER'S SPEECH
ADDITIONAL RESOURCES
PRESENTATION
SLIDE READER
COLLECT FEEDBACKS
SCREEN
PPT
NOTE
DOUBT CHECK NOW
CHECK LATER
RESOURCES
ALL SLIDES
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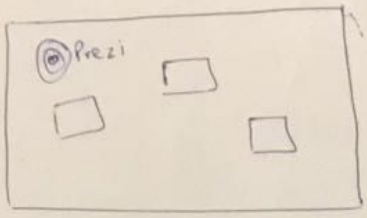
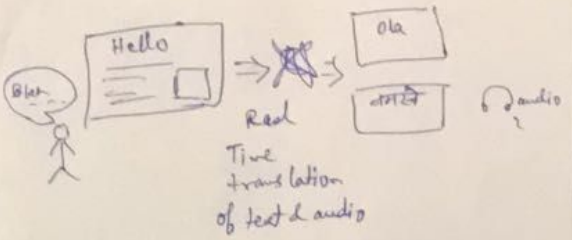
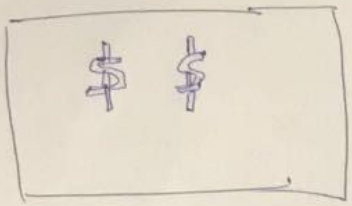
3D VIDEO
SCREEN
VR
PPT SLIDES
• DESCRIPTIVE
• BRIEF
• WITH IMAGES
SELF-ADAPTIVE APP
[AUDIENCE]

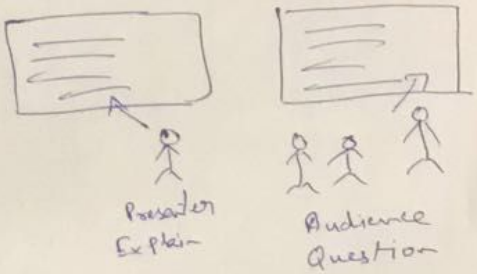
Chinmoy

- We can use may presentation tools like **prezi** or **projeqt** to make the presentations non linear and less boring (http://mashable.com/2013/08/19/presentation-apps/#5d5JAjBK9mq9).
- For people who have difficulty understanding the presenter's language, the presentation can be recorded and provided to the audience with many pre-loaded languages. And for conversion various speech translator applications can be used
  https://play.google.com/store/apps/details?id=com.smartmobilesoftware.voicetranslatorfree&hl=en
  http://itranslatevoice.com/
- Expense might not be a problem in the future. Things that are costly now tends to get cheap after some time.
- Two windows can be used for presentations so that one window is used by the presenter to give the presentation and the other window is used by the audience to revert back and ask questions wherever needed. The second window can be devised in such way that it can be controlled by the audience one at a time so that they can present their questions.
- Using VR and holograms if possible in the future to make the presentations more interesting.
  https://www.youtube.com/watch?v=A-fVp9TqNq4
  https://www.youtube.com/watch?v=eLavoahAfv8

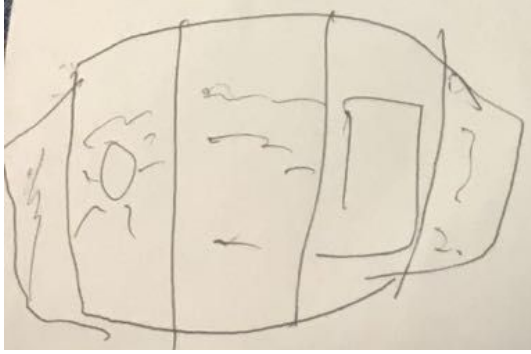

Prezi


Hello
Real
Time
translation
of text & audio



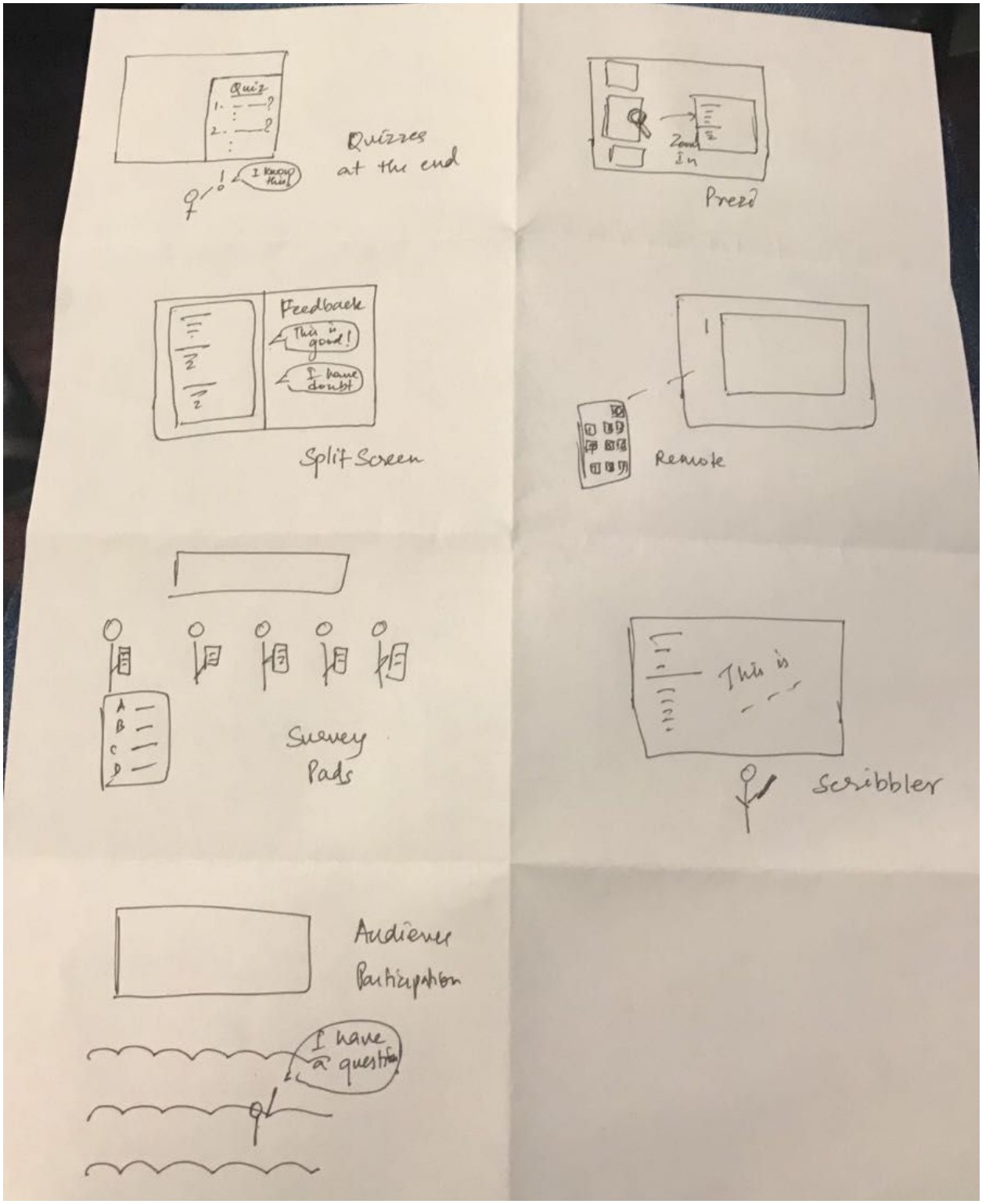

Presenter
Explain
Audience
Question


Hologram
Presentation



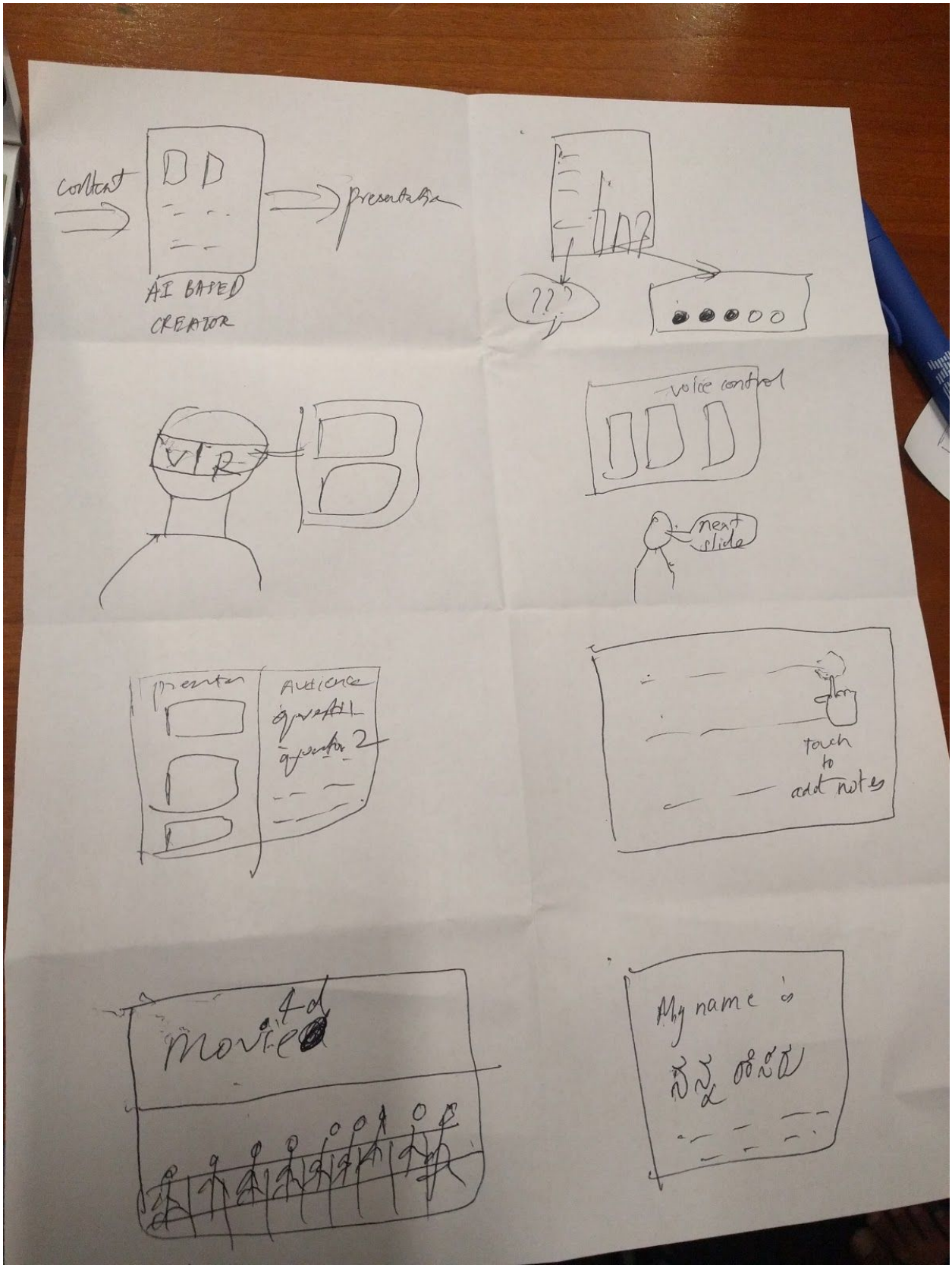
Nivedita

- When the end of the presentation is reached, a quiz of some sort could be given for the audience, like Kahoot and the winners could be given some prizes. This may motivate the audience to observe the presentation and be more attentive as well.
- In order to remove linearity, Prezi presentations could be used, so the presenter can move into different topics of a particular presentation, zoom in and zoom out etc, choose topics etc.
  https://prezi.com/
  Example:
  https://www.youtube.com/watch?v=MpaKEeNPfh4
- Split screens. Animations or videos related to the presentation topic could be displayed in a separate screen. This could also involve any user reactions that the audience may enter through their mobile devices and these could be showcased. It can create an enthusiasm among the audience in getting to know the reactions of their peers and the session will become interesting.
- As such, presenter cannot move back and forth on slides. So, probably a remote that can take you to any particular slide(just like changing a channel) could be used.
- Survey pads can be given to the audience and their feedback on topics related to the presentation can be obtained. This way, the audience will be more involved and they won't feel bored.
- Scribblers on the go. Inclusions could be added on the presentations using probably a stylus and they can get saved. By doing this, the presenter need not worry about modifications on the go.
- Audience could be given a chance to express their ideas on the topic. This will lead to bringing up new ideas and give a new perspective to the presentation.


Quiz
I know this!
Quizzes at the end
Zoom In
Prezi
Feedback
This is good!
I have doubt
Split Screen
Remote
Survey Pads
This is
Scribbler
Audience Participation
I have a question

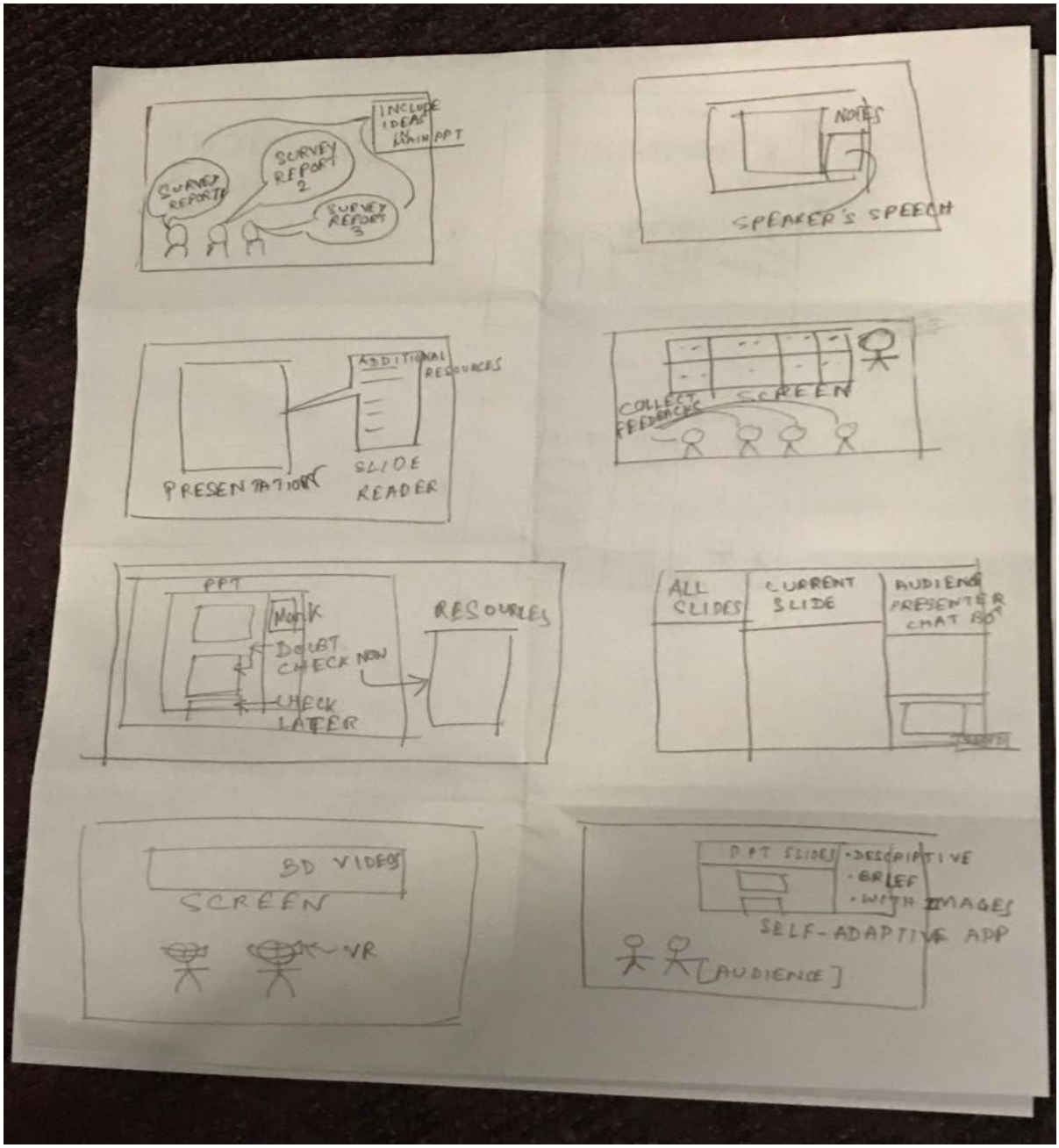
Balaji

- motion/video controlled interaction.like the one present in hunt library with the kinect. Implement same on browser and webcam/voice.
- translate slides on the fly like google translate for webpages in foreign languages.
- machine learning to make topic adaptive slides.in the future u just supply content that's it.
- dynamically update slides according to live visual feedback from audience. (face detection)
- use vr to make slides more immersive and also personal
- use rooms like the viz lab to make substantial improvements to the presentation. this includes multiple speakers, multiple screens/displays accessible to the audience
- use of multiple screens/ split screens to give users an overview and ask questions.
- make presentation screens interactive to allow scribbling notes on slides real time.
- instead of a human being as the presenter, make an AI based bot that can learn from the audience's history and other factors and dynamically update as per audience preferences.
- make existing technology based pres as a tour ideas smarter by adding AI . ex: chatbots that can understand and interact rather than just displays and videos.
- adopt universal standards for presentation displays/hardware and software to make it universally compliant.
- make it a 4d based movie type experience for presentation as a tour like some museums instead of the usual.


content
AI BASED CREATOR
??
VR
voice control
next slide
presenter
Audience
touch to add notes
Movie
My name is

Debosmita

- Take a survey on few people and check what majority of the people think they would like to have in a presentation. For eg : what percentage of image or videos should be there - if they want all the points mentioned by the speaker enlisted on the presentation slides. Most of the good presentations from any field of study usually have few attributes in common. Develop presentation criteria based on the master list.
- Add the content said by the speaker for each slide on Notes section
- Develop an app that can read the presentation slides - collect additional resources with help of machine learning algorithms.
- Use split screens(something like tiles as in Game lab - it'd be cheaper than having split screens as in Viz. lab) for presentation so that at least 4-5 previous slides are always visible on the screens and the audience/presenter can go back and forth to a certain extent, whenever needed. Audience should be able to give real-time feedback like Webex sessions.
- Develop an app which will have all presentation slides - audience can mark any of the points on any slide that they find difficult to understand - marking can be check now/check later. the app can suggest a number of related resources and add them to user's To-check list depending upon the marker.
- Develop app having 3 parts - 1. current presentation slide; 2. all presentation slides; 3. audience-presenter chat box. Audience should be able to provide feedback or ask questions in the chat box. A person from the presenter's team can clear the doubts in the chat box itself - or presenter can clear the doubts while giving the presentation. Audience can move back and forth through out the slides in case one needs anything to refer/verify, while keeping a track on the presentation at the same time.
- Use 3D presentation videos, it will give the audience a feeling of being present in the described scenario.
- Collect short feedbacks(like interested to know more, sufficient information shared, neutral, too much information, very boring stuff etc.) for each slide from the audience - as per the feedback an app can be developed which can suggest desired changes that can be made in the slides. But in a presenter-led presentation, slide materials cannot be changed real-time.
- Make an automated system of presentation equipped with multiple options of display - detailed; brief etc. Audience should be able to select mode of presentation for first few slides and presentation should go on as per majority of choices. The presentation display mode can be changed any time.
- Depending on feedbacks available over time from a variety of people, the system can also maintain different versions of the same presentation - for eg. some might like a presentation with lots of animated stuffs, whereas some like slides with detailed notes along with related diagrams. While is a new user, the system can just take a 30-40 seconds short survey on the user's preferences and cater to one's needs accordingly.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3D VIDEOS
SCREEN
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PPT SLIDES
· DESCRIPTIVE
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SELF-ADAPTIVE APP
[AUDIENCE]

Demos -

image 1a

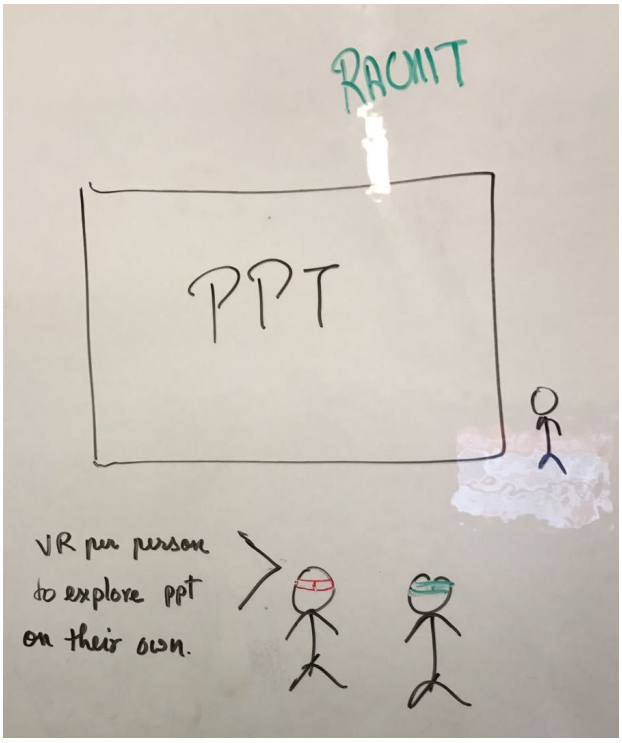


image 1b

(1a) depicts the idea of presenter being a part of the crowd and interacting with a character from the presentation, who is in charge of the presentation

(1b) shows use of VR/3d glasses for the presentations, suppose we have 10 screens like the one in Viz lab, we can dedicate one or two screens for audience to interact with virtually using the 3d glasses, VR can be used to give details about presentations in absence of multiple screens.

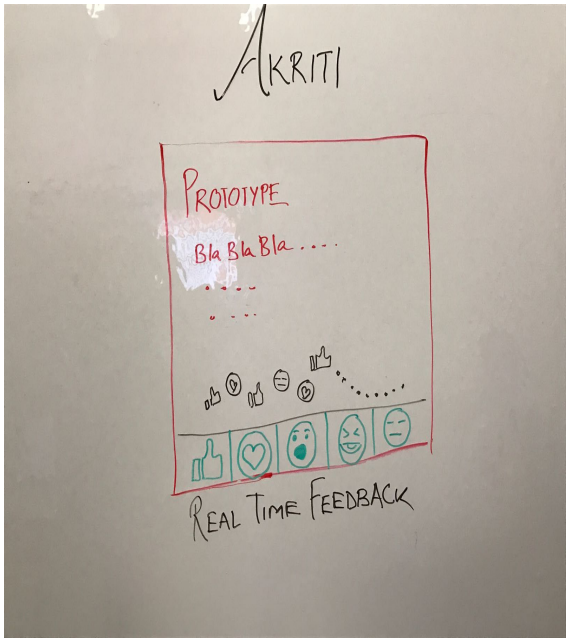


Image (2a)

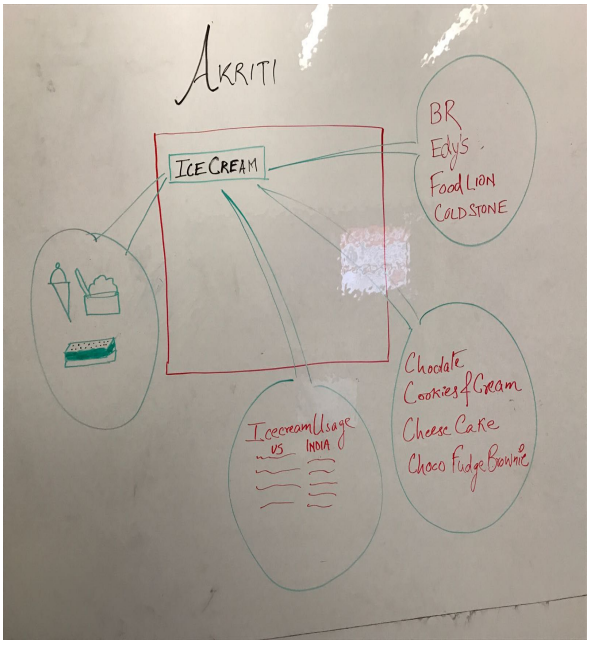


Image (2b)

2a : Adding a feature where the viewers can upvote or react to a particular slide in the presentation in real time. (like thumbs up, dislike, confused)

2b : Adding up a feature which allows the presenter or the author to shape the content properly by providing suggestions like- useful links, images, statistical data from the web when the presenter is creating the content

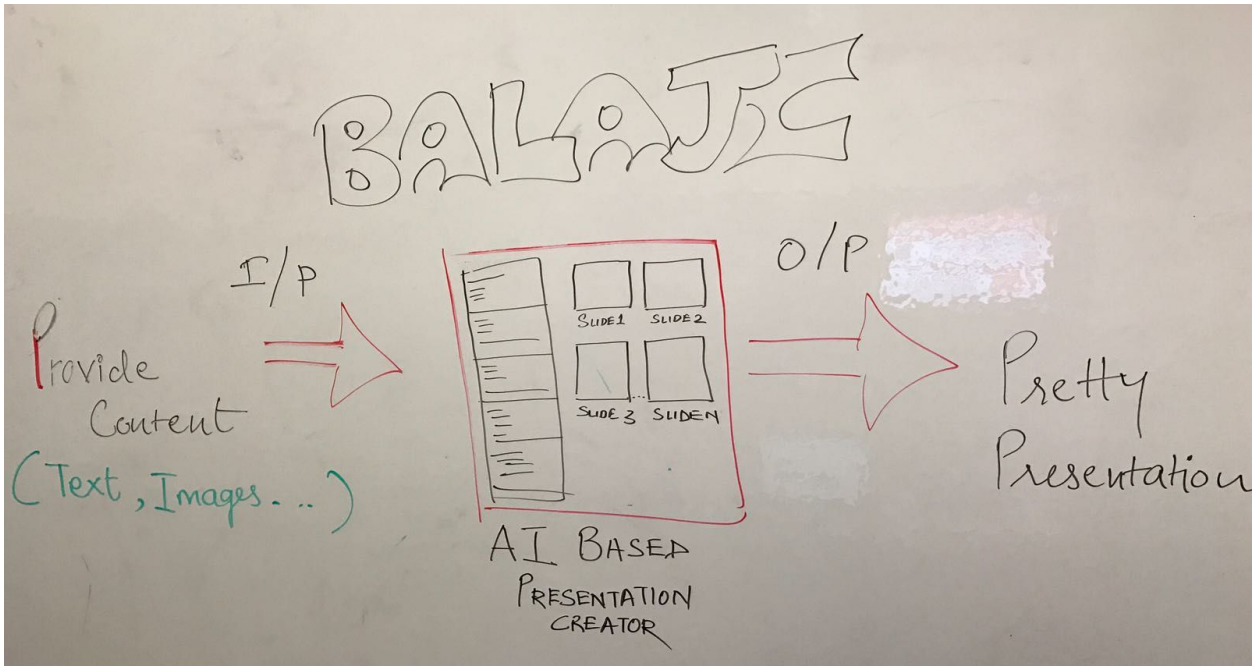


Image 3a

Incorporate AI and Machine learning into creating slides. User just provides the content and the software does the rest, right from selecting templates to creating slides to filling in the content. This Machine Learning algorithm adapts dynamically to the content and selects the structure that is most appropriate and effective.

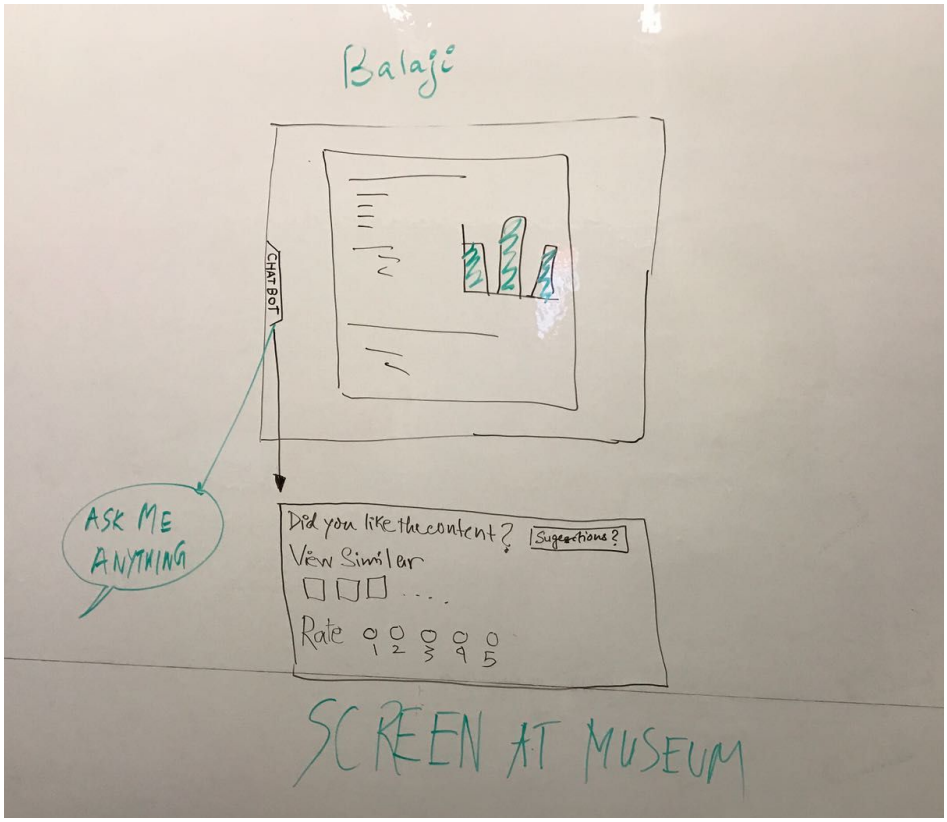


Image 3b

Add learning and natural language processing to the screens and technology anywhere presentation as a tour is applicable. This includes an intelligent chatbot that can converse with the audience instead of just a screen playing a video as the presentation format. This bot can answer questions, provide potential suggestions and take feedback.

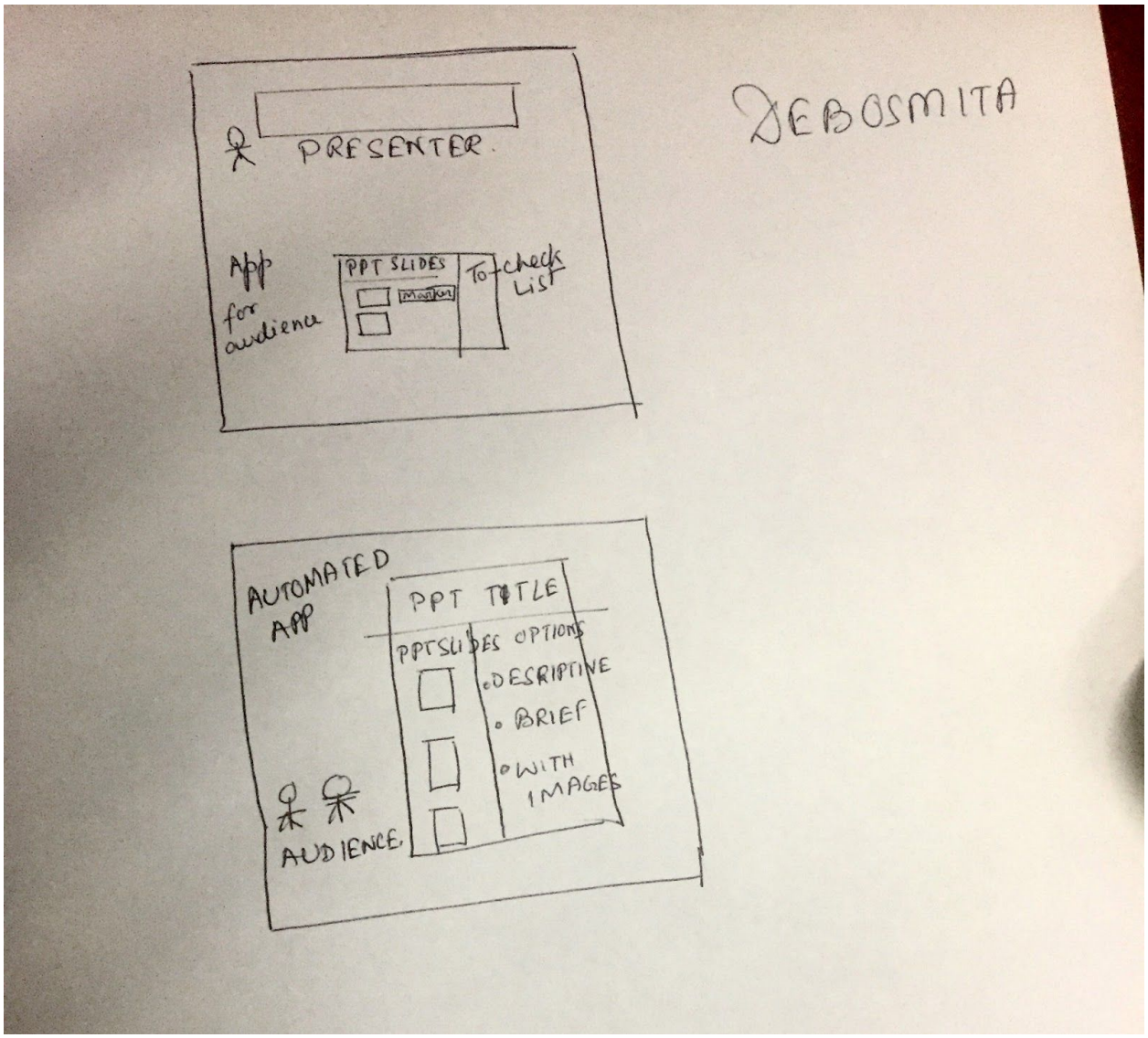
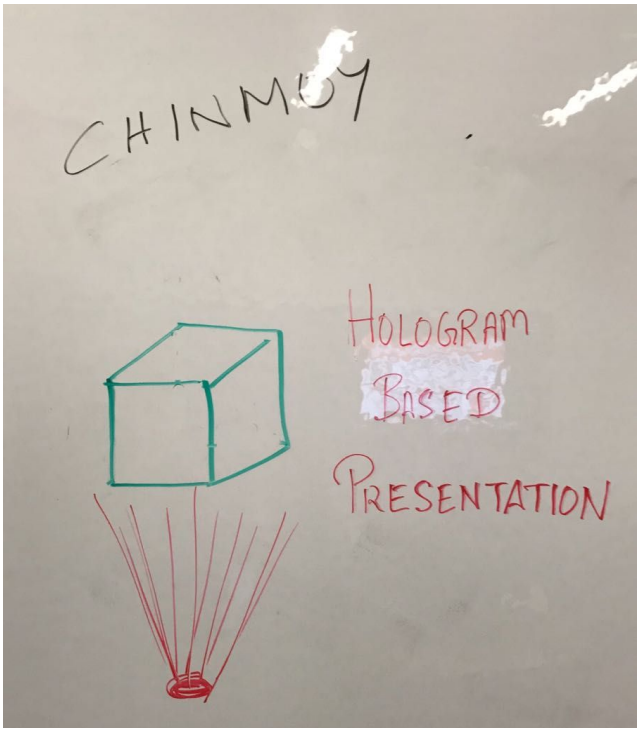


Image 4a

Develop an app which will have all presentation slides - audience can mark any of the points on any slide that they find difficult to understand - marking can be check now/check later. the app can suggest a number of related resources and add them to user's To-check list depending upon the marker.

Image 4b

Make an automated system of presentation equipped with multiple options of display - detailed; brief etc. Audience should be able to select mode of presentation for first few slides and presentation should go on as per majority of choices. The presentation display mode can be changed any time.



Using VR and holograms if possible in the future to make the presentations more interesting.
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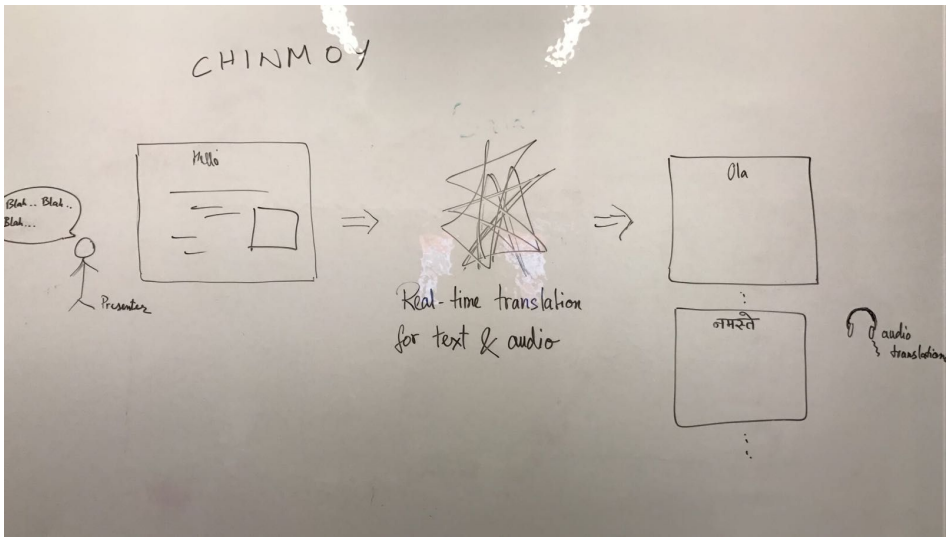
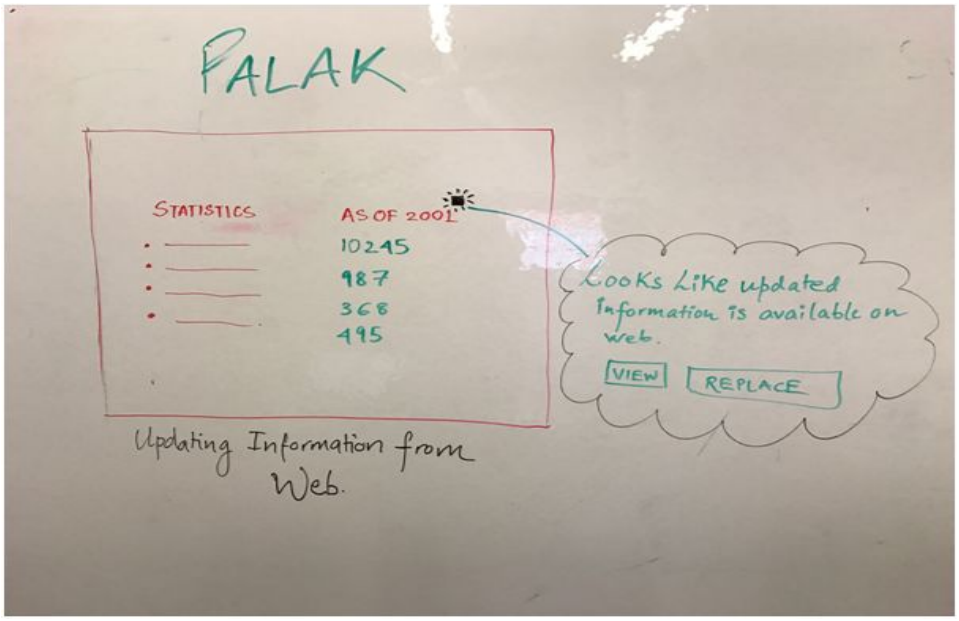
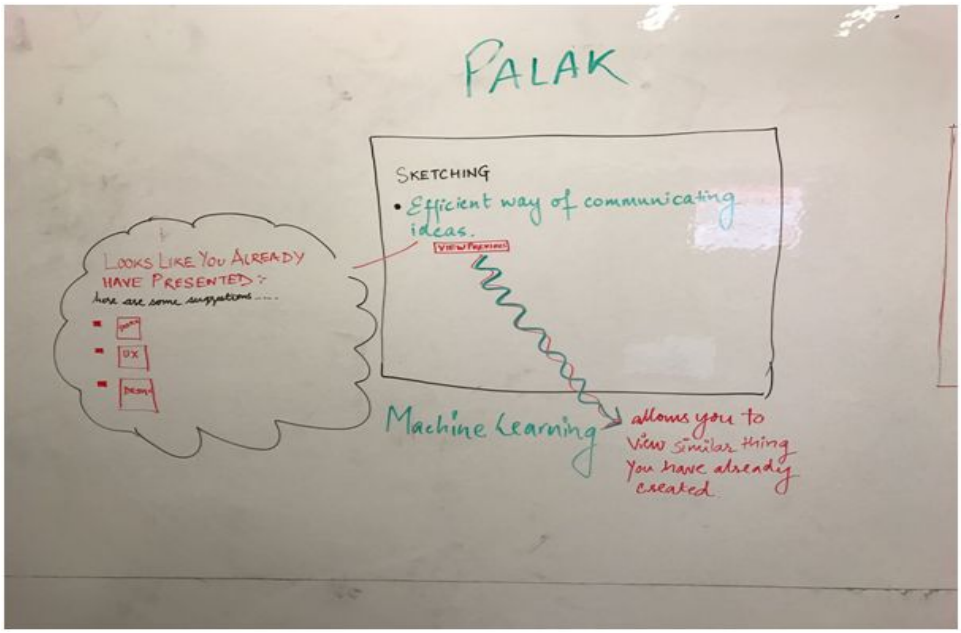


For people who have difficulty understanding the presenter's language, the presentation can be recorded and provided to the audience with many pre-loaded languages. And for conversion various speech translator applications can be used

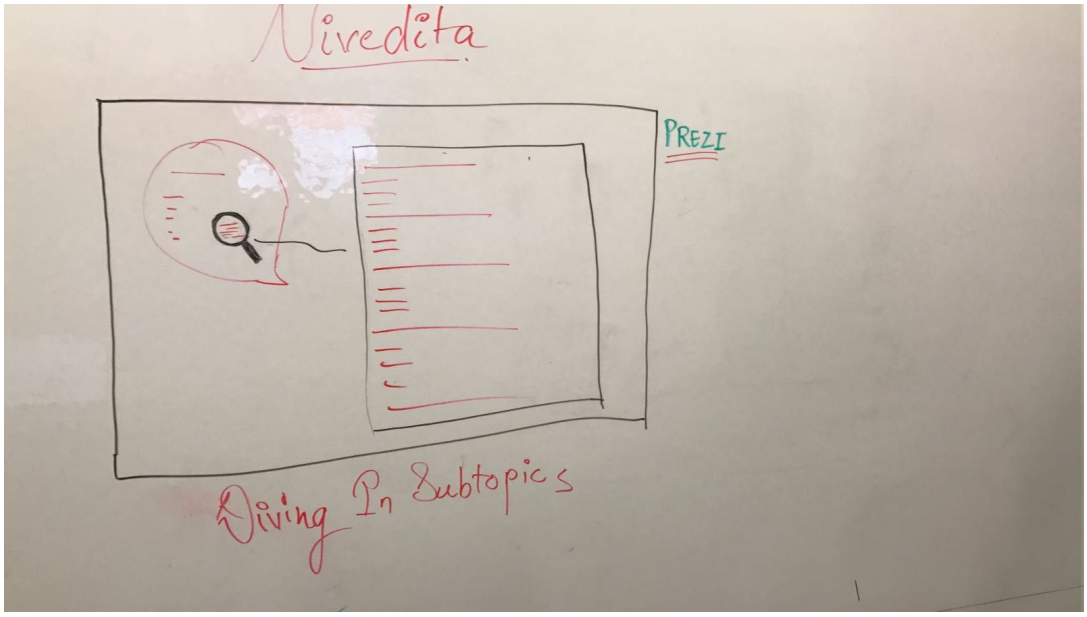
https://play.google.com/store/apps/details?id=com.smartmobilesoftware.voicetranslatorfree&hl=en, http://itranslatevoice.com



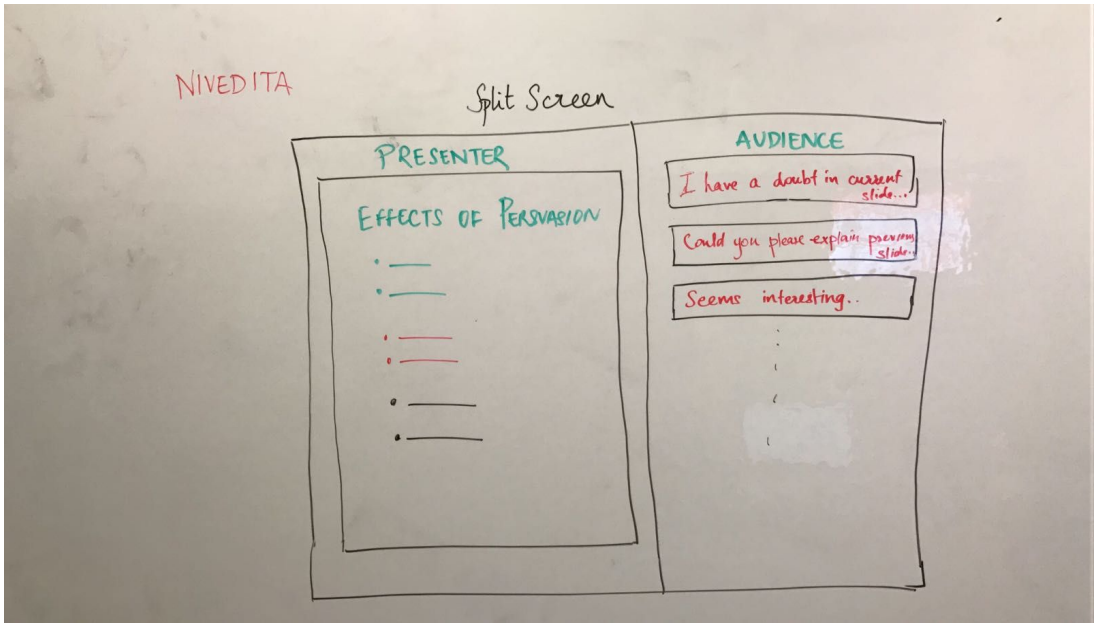
Some slides contain information which needs to be updated from time to time. These slides could have a field which would let users know if updated data is available over the internet. It will directly pull up the data from web.



Slides would learn over the time what edits have been made to it over the years and suggest the presenter while he is giving the presentation and ask him whether he wants to use any of those previous edits.

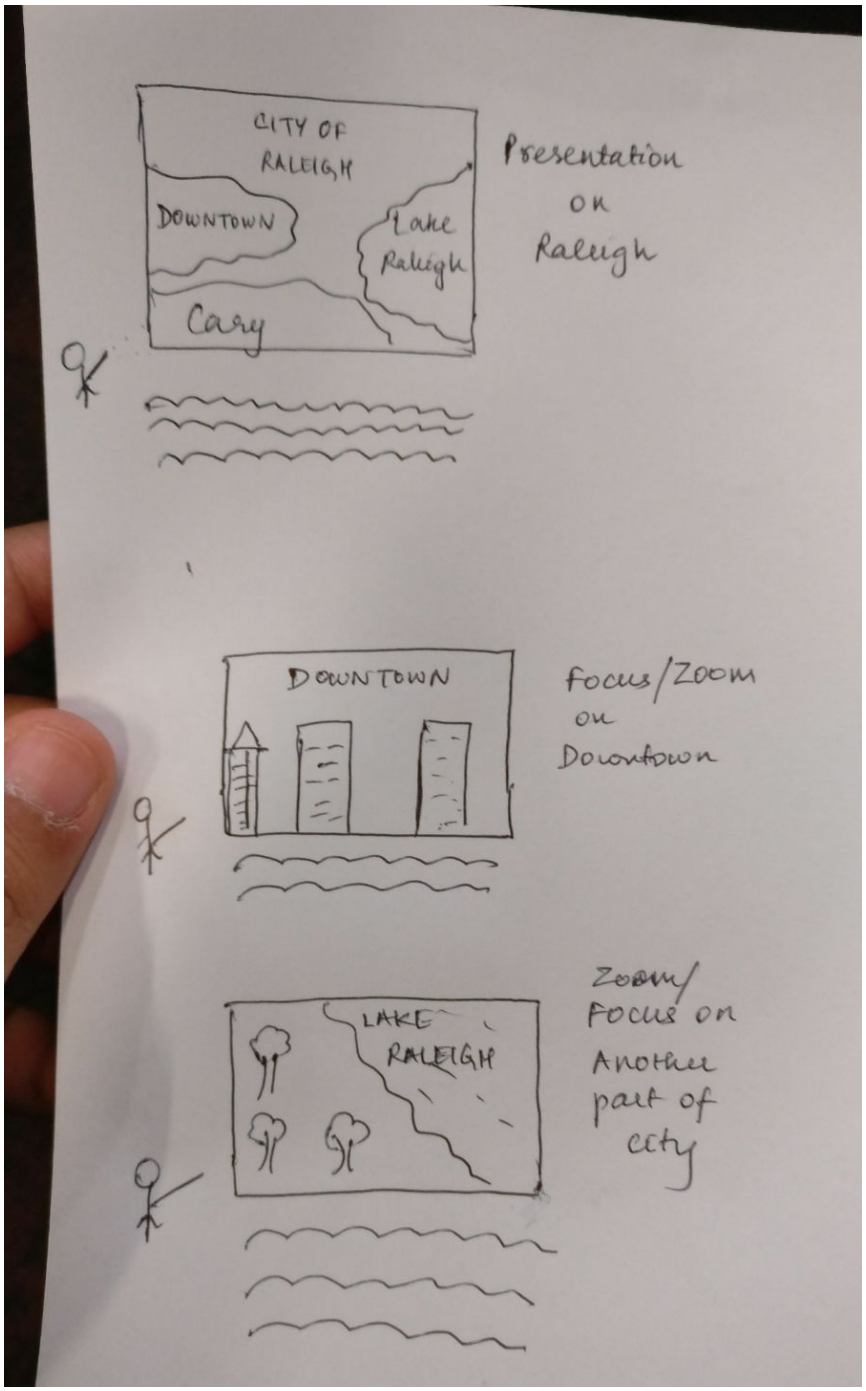


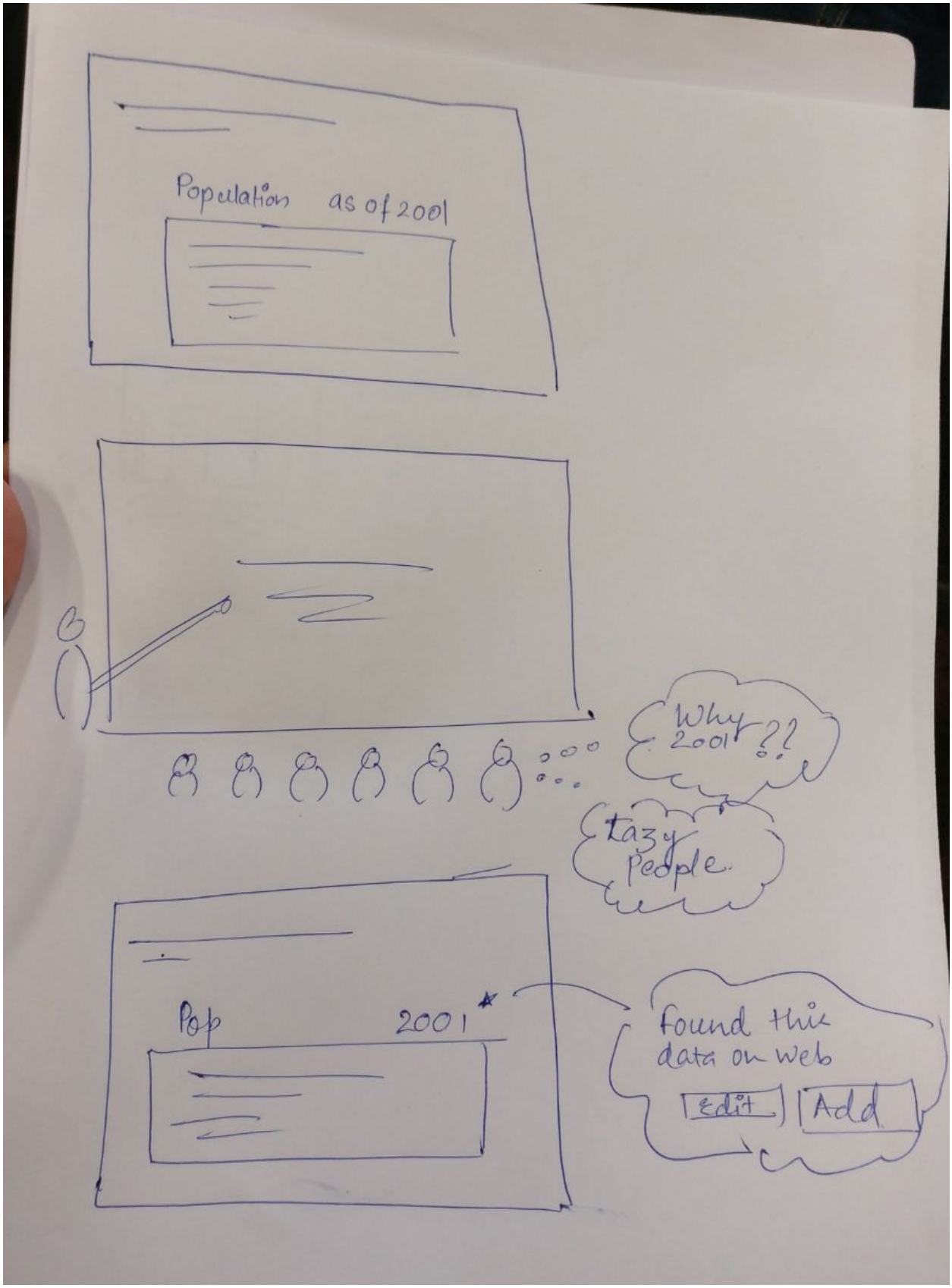
The Prezi tool is a great way to exhibit a presentation as a tour. It allows the user to zoom in and out of a particular part of the presentation and navigate easily. This way, the presenter does not follow a linear flow and instead, gives a good perspective for the user.

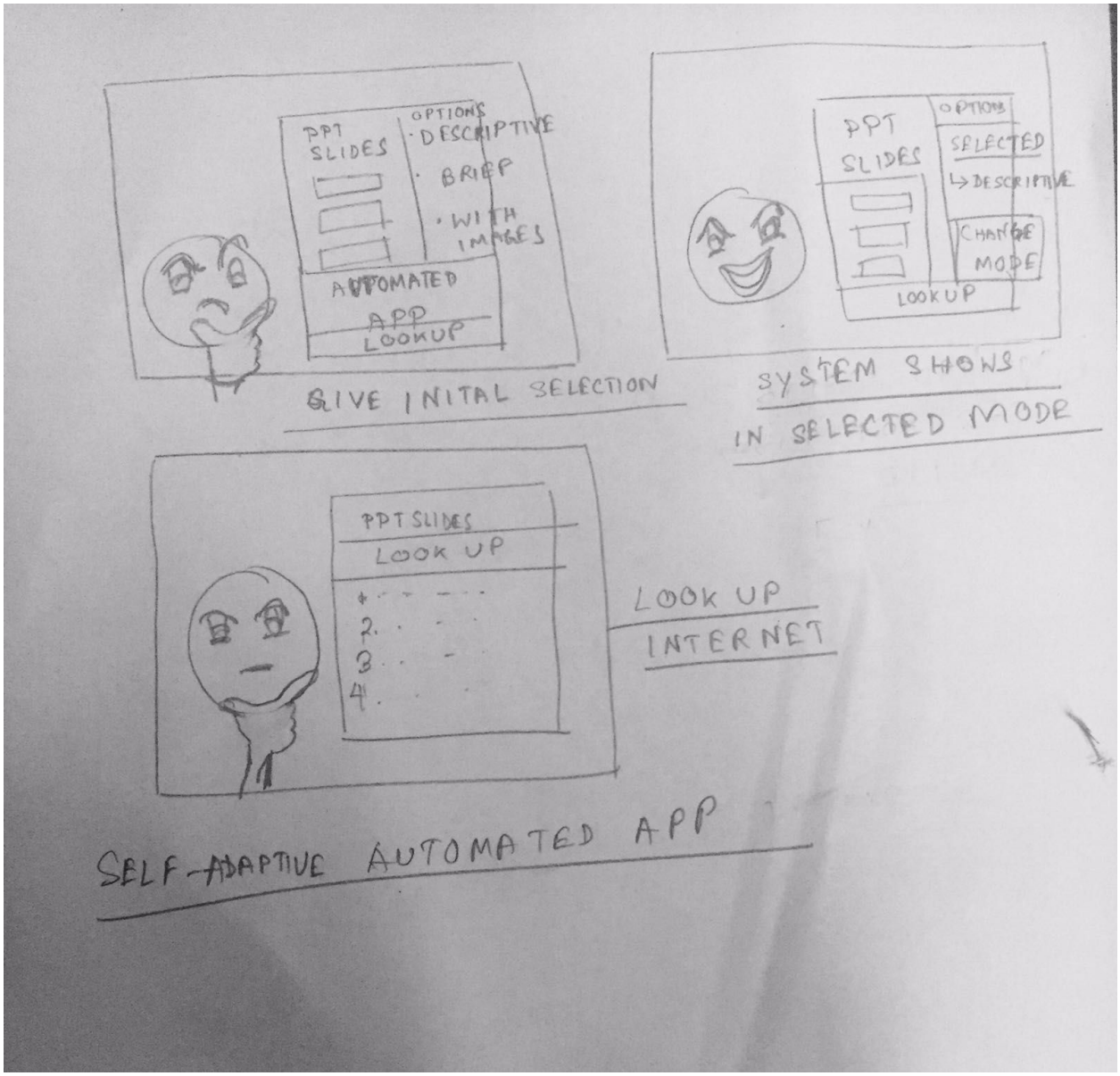


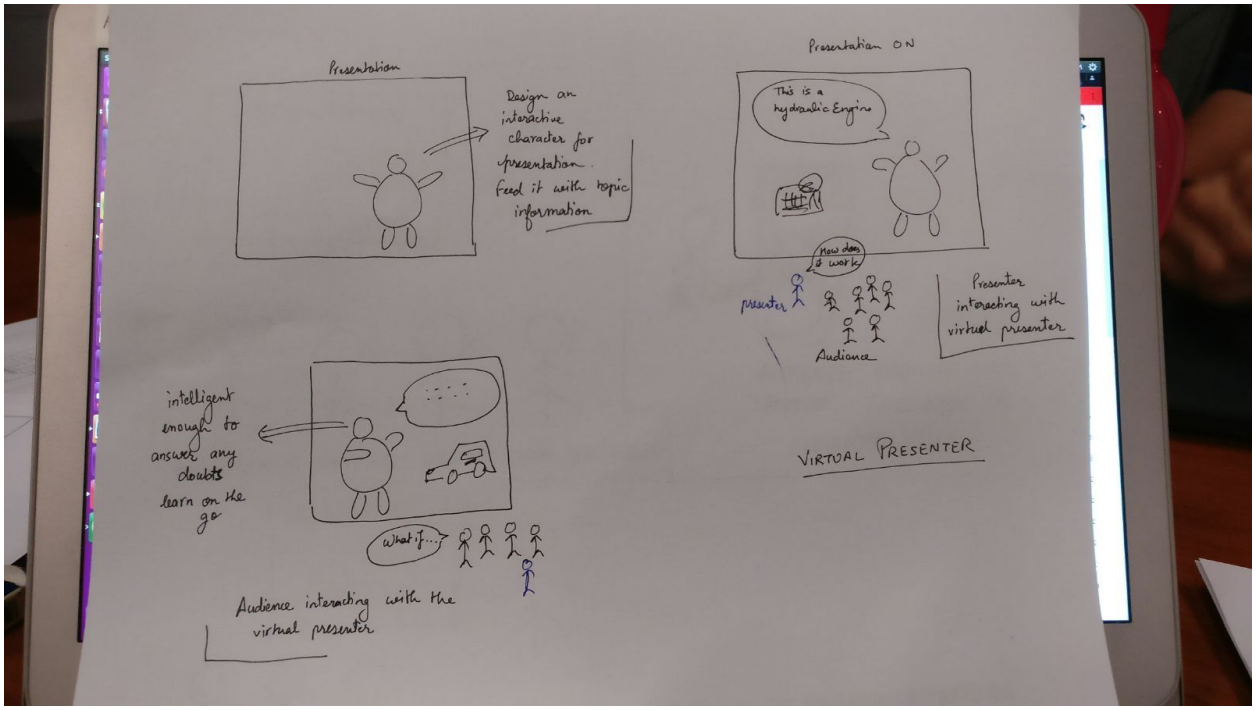
By splitting the presentation screen into two parts such as the presentation itself and a section that allows audience feedback and comments, the presenter can ensure that the audience follow his talk. The audience will have the freedom to express what they feel about the presentation and can appreciate, put forth doubts or questions or even provide constructive criticism as feedback.

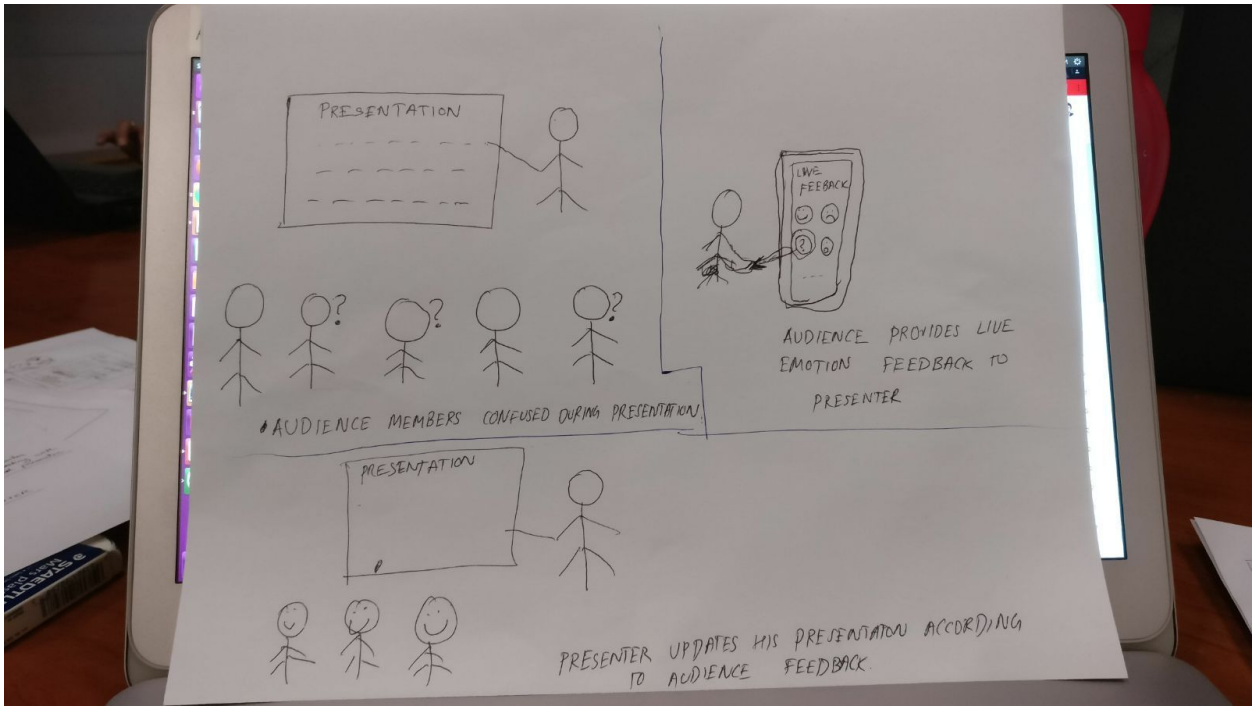
StoryBoards -

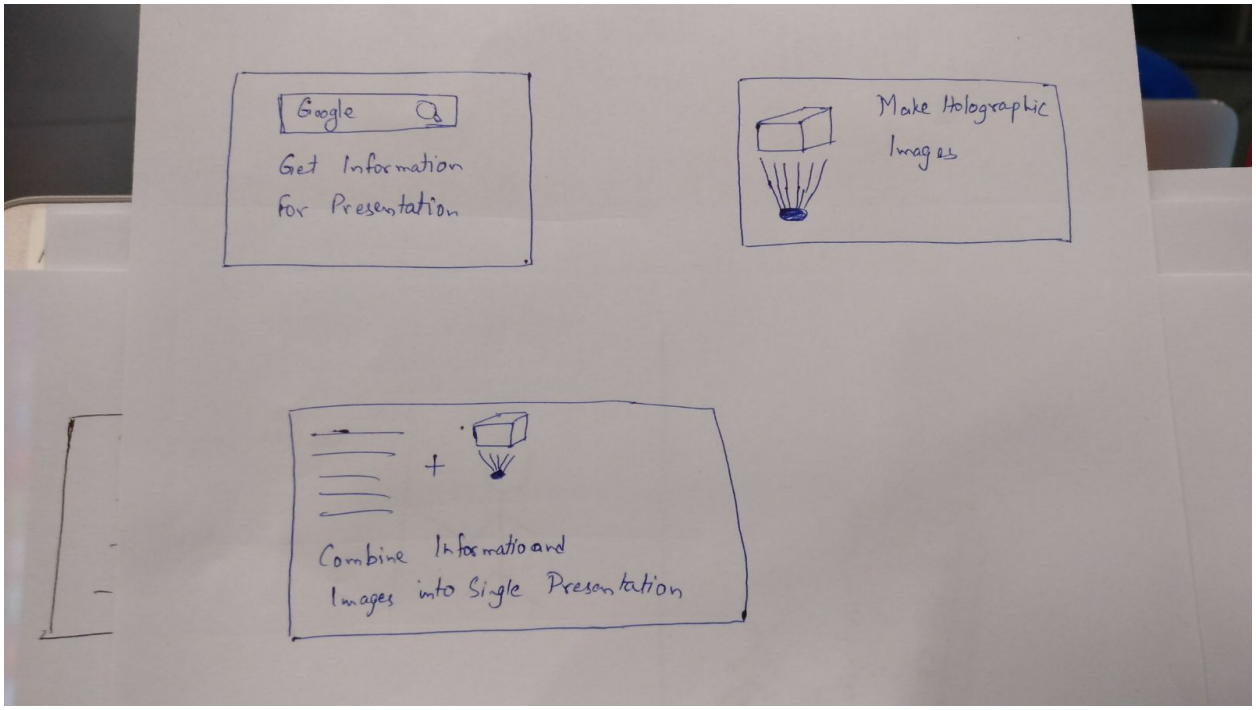


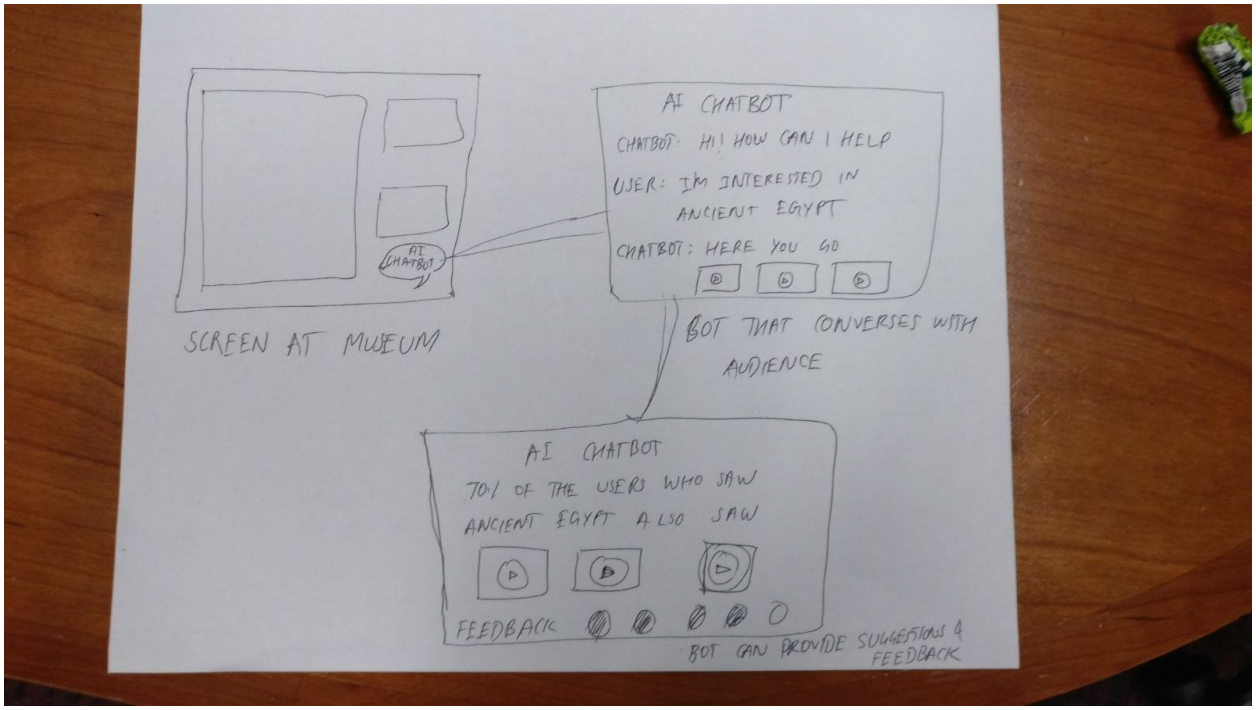

Population as of 2001
Why 2001 ??
Lazy People
Pop
2001
found this data on web
Edit
Add


PPT SLIDES
OPTIONS
· DESCRIPTIVE
· BRIEF
· WITH IMAGES
AUTOMATED APP LOOKUP
GIVE INITAL SELECTION
PPT SLIDES
OPTIONS
SELECTED
↳ DESCRIPTIVE
CHANGE MODE
LOOKUP
SYSTEM SHOWS IN SELECTED MODE
PPT SLIDES
LOOK UP
1.
2.
3.
4.
LOOK UP INTERNET
SELF-ADAPTIVE AUTOMATED APP


Presentation
Design an interactive character for presentation. Feed it with topic information
Presentation ON
This is a hydraulic Engine
Hi!
How does it work
presenter
Audience
Presenter interacting with virtual presenter
intelligent enough to answer any doubts learn on the go
What if....
Audience interacting with the virtual presenter
VIRTUAL PRESENTER


PRESENTATION
LIVE FEEDBACK
AUDIENCE PROVIDES LIVE EMOTION FEEDBACK TO PRESENTER
AUDIENCE MEMBERS CONFUSED DURING PRESENTATION
PRESENTATION
PRESENTER UPDATES HIS PRESENTATION ACCORDING TO AUDIENCE FEEDBACK


Google
Get Information
for Presentation
Make Holographic
Images
Combine Information and
Images into Single Presentation


AI CHATBOT
CHATBOT: HI! HOW CAN I HELP
USER: I'M INTERESTED IN
ANCIENT EGYPT
CHATBOT: HERE YOU GO
AI CHATBOT
SCREEN AT MUSEUM
BOT THAT CONVERSES WITH
AUDIENCE
AI CHATBOT
70% OF THE USERS WHO SAW
ANCIENT EGYPT ALSO SAW
FEEDBACK
BOT CAN PROVIDE SUGGESTIONS &
FEEDBACK