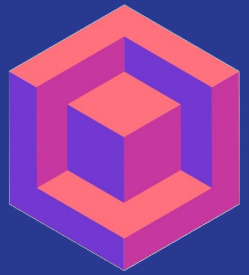

ARte

Augmented Reality to educate

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Internet of Things course 2019/20
MSc in Engineering in Computer Science
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Design Advisor
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1st presentation comments

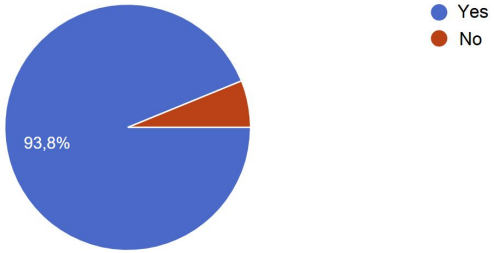
It was not completely clear how we realized the interaction in a museum is a problem

The role of STM board was not made evident

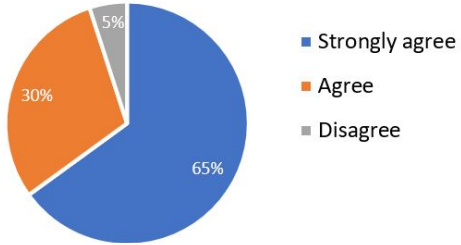
The STM board was not considered in the evaluation document

Design and idea

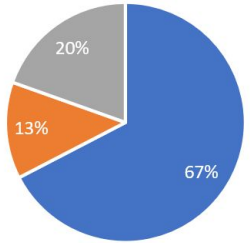
Would you like to have different types of interaction with the artworks?



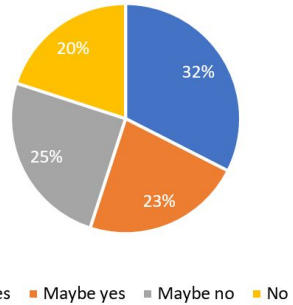
Do you think using a LED located above each room entry, may be helpful to avoid entering too many people into already full areas? (someone said Covid?)



Would you use an app to improve your experience in visiting a museum?

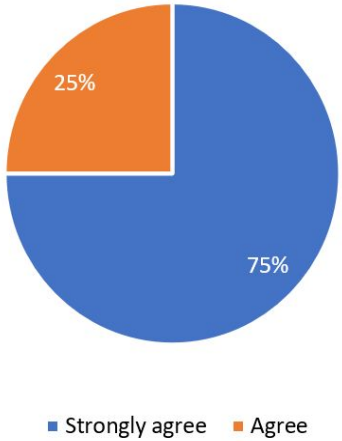


Do you think the app can tempt you to visit a museum you would never had visited without?



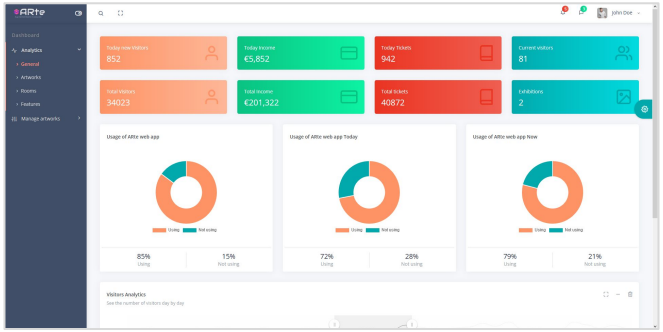
UX

Do you think the app is overall simple to use?



What was done

- Artwork recognition
- Storytelling feature
- Messages exchange



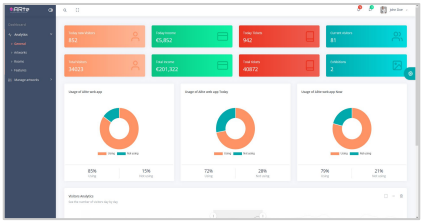
- GUI
- Know statistics
- Handle artworks

- Simulation of STM32 Nucleo board
- Connection with AWS
- People flow control

Future technical plans

- More features
- Crowdsensing section addiction
- User experience and accessibility
- Performances

- IoT-LAB emulation
- Eventual led signal



- Database connection
- User experience
- Features analytics page

- Lambda function
- Database completion

What was evaluated

Latency

Scalability

Performance

Cost

UX

What has to be evaluated

Correctness

Privacy

Reliability

Performance

Compliance

Accessibility

Demo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Thank you for the attention!

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Link to the GitHub repository: https://github.com/ARte-team/ARte