Short Project Deliverable  
*Memories Application(MongoDB)*

short line

# Abstract

* ***Memories application based on NoSQL database helpful for storing important photos with their meta information. So that next time when you visit it then remember your memories.***

# Introduction

## Want to Build:

***We want to build an application like google photos like feature with additional information in the form of interactive user interface so that everyone can access and store theri relevant images in a secure database.***

## Approach

* ***Preliminary learning***

***First we go through the essence of the NoSQL database that is MongoDB and explore it.***

# Problem Statement

* ***Problem statement of our project is that you have smartphones with high resolution cameras and snap photos during holidays, vacations and functions, but after a long time you again visit the gallery in your phone and then you realize where and when I click this pic because you have thousands of photos in your phone gallery.***

# Problem Solution

# ***So our idea is simple: you can choose some images and store them in our database with relevant information and a feel friendly interface in the form of posts so this becomes impressive to remember memories.***

# Technology Used

* ***MongoDB as Mongoose API***
* ***Node.js for server***
* ***Express for routing and creating API endpoints***
* ***React.js as frontend graphical user interface***
* ***Body-parser for parsing raw data into objects***
* ***Mongo Compass***

# Benefits

* ***Users can upload pics easily***
* ***Data will be end to end encrypted***
* ***Look and feel interface***
* ***More secure way to store personnel images***
* ***Fast access from database***

# Functional Requirements

* ***User can upload pics in cloud database***
* ***Another user can download pics from database***

# End Users

* ***Tourists***
* ***Students***
* ***Photographers***
* ***Everyone can access it easily***

# Discussion

* ***During the phases first and second we accomplished so many milestones in our project. Basically, we are able to connect with cloud databases in Amazon Web Services(AWS) . This is our first milestone.***
* ***After that we are going to develop our server using apis and database as endpoints this leads to our second milestone.***
* ***Finally we go through with the frontend development using React javascript library for our end user interface***

# References

* <https://reactjs.org/>
* <https://mongoosejs.com/docs/>
* <https://www.section.io/engineering-education/nodejs-mongoosejs-mongodb/>
* <https://expressjs.com/>
* <https://nodejs.org/en/>

# Instructor

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***Thanks For Visiting***

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