## Decision Support System for Medical Diagnosis Using Data Mining

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### Recap

- What is our project
- How we derived it
- What is the problem
- Attempting to solve the problem

### Development Enviroment

- Agile software development
- Customer Interaction Details
- Draw.io
- Python
- C++
- Visual Studio
- Github
- MySql (for data storage)
- Html and PHP(for Website)

#### Arduino Mega



- Purpose
- Cost effective
- Design

#### LM35 Temperature Sensor

- Purpose
- Connecting it to Ardunio
- Cost
- Quality



#### Pulse Sensor

- Code connecting
- Cost
- Why we using it
- How will it work



# (**ESP8266**) EMOS D1



- Cost (expensive)
- Purpose
- Connecting to ardunio
- Connecting to cloud server
- Quality

#### Resource

- Ghosh, Abhishek, and About Abhishek GhoshAbhishek Ghosh is a Businessman. "Difference between Arduino Uno and Arduino Mega." *The Customize Windows*, The Customize Windows, 17 May 2018, <u>https://thecustomizewindows.com/2018/05/difference-between-arduinouno-and-arduino-mega/.
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- Admin, et al. "Pulse Rate (BPM) Monitor Using Arduino & Pulse Sensor." How To Electronics, 3 Apr. 2021, <u>https://how2electronics.com/pulse-rate-bpm-monitor-arduino-pulse-sensor/</u>.
- "Arduino Temperature Humidity Sensor: Arduino Tutorial." Arduino Getting Started, <u>https://arduinogetstarted.com/tutorials/arduino-</u> temperature-humidity-sensor.