

PROJECT IDEA - Robotic Arm control website MOODY WEB

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PROJECT **A** – Robotic Arm control website with statistics, manual mode and choosing sequences, combined with SM project

Also we want add section like “contact”, “about project”, “developers”

CHECKPOINTS:

Week 1:

- Learning the basics of website development (Html + Css)
- Github repository initialization

Week 2:

- Learning the basics of website development (Html + Css)
- Building basic structure of project website (navigation etc.)

Week 3:

- Learning the basics of website development (Html + Css + Php + Sql)
- Creating database and login system (Php)

Week 4:

- Learning the basics of website development (Js)
- Adding custom made graphics to the website
- Preparing animations and graphic design, basic vector objects

Week 5:

- Including responsive design for website

Week 6:

- Working on a simple robot controlling section (Js)
- Working with database, creating move sequences (optionally)

Week 7:

- Improving website appearance
- Providing wireless connection from website to board

Week 8:

- Checking everything and fixing mistakes

Week 9:

- Checking everything and fixing mistakes

TECHNOLOGIES:

- Html
- Css
- Sass
- JavaScript
- Git / Github
- SQL
- PHP
- Arduino IDE

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PROJECT **B** – Website provided control over Toy Car with statistics database (speed, travelled distance etc.), including live view (camera view)

PROJECT **C** – Website with industrial SCADA Panel, basic statistics and simple controlled production line. Combined with SM project

PROJECT **D** – Website controlled liquid dispenser with simple database (how much water has been poured) additionally choosing more than 2 possible liquids from containers. Combined with SM project.