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Computer Science 440

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Development Analysis

The following documentation is an overall summary of the development process our group partook in when finishing and creating our project.

Our first steps when deciding what creation, we would construct started with research of different types of projects one can make using hardware such as the Raspberry Pi or Arduino. After finding various articles online about numerous hardware projects, we discovered that the projects including cameras were intriguing, as the project’s usage of the camera for security functions was seen as a very useful and productive system in the real world. After delving further security-oriented projects, we then found the usage of sensors with the Raspberry Pi interesting enough that we would like to explore and learn their usage in hardware development. This was ultimately a big reason for our projects emphasis on tinkering with sensors…

After mutually understanding the functions and purposes of our project, we then began on its construction; This began with us researching which parts we would need to complete our desirable functions, along with ensuring compatibility amongst all the parts…

The first step we did was …

Like the development of many projects, ours was not completed without hardships and obstacles faced…

Overall, this group project proved being a very informative as well as entertaining project that allowed for us to learn about the basics of hardware development…