

# Weekly Status Report 1

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**Report Dates:** 10/13/2019 - 10/19/2019

**Group number:** 55

**Project Title:** Chicken Coop

**Client &/ Advisor:** Andrew K. Bolstad

**Team Members/Role:** Alex Goldyuk, Amine Hocine, Alexander Lewoczko, Lexi Reicks, Ryan Toepfer, Armando Vila

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**Weekly Summary:** The state in which the project resides is yet to be determine. As we go over the requirements and the development process we find ourselves full of enthuthiasm to commence development. The overall goal of this past week was to get our project requirements completed to point where we can all begin working on it. As of now each team member has contributed in sharing technical ideas in order to be later implemented into the project. Our team has also been in contact with the client regularly, and have already meassured all of the Chicken Coop's dimensions in order to have a better idea where the Hardware will reside.

**Past week accomplishments:** Some of the accomplishments done this past week heavily contributed in designing our project's architecture. Our team managed to work out the exact hardware that we would require in order to implement it into the project. This includes arduino boards, sensors, software libraries, etc. We also had our first look into the chicken coop itself where we meassured the angles and dimensions needed in order to integrate the hardware into the chicken coop with no restrictions.

- Alex Goldyuk: Meassured the clients Chicken Coop dimensions. This will be used to have an idea of what Hardware we can or cannot use
- Alexander Lweoczko: Identified crucial hardware requirements

**Individual Contribution:**

NAME	INDIVIDUAL CONTRIBUTION	HOURS
Alex Goldyuk	Gained measurements of the chicken coop in order to be used for hardware integration	7

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Amine Hocine	Made sure all of the Chicken Coop's specification ciioerate with our project's specification	6
Alexander Lewoczko	Identified Hardware Requirements	6
Lexi Reicks	Identified Software Development Requirements	6
Ryan Toepfer	Added Integration Methods into the Project's architecture	6
Armando Vila	Assisted in Identifying Software Development Requirements	6
<b>TOTAL HOURS:</b>	37	

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**Plans for upcoming week:**

- Alexander Goldyuk, Amine Hocine, and Alexander Lewoczko: Gather all hardware
- Entire Team: Commence Development