EEL 4915 SENIOR DESIGN II

**Project Reviewer Information**

**Faculty and Guest Committee Members:** Thank you very much for agreeing to serve as a project reviewer. You have been asked by the senior design group designated below to become a member of their review committee. In this year, we require you to watch 25 minutes presentation video and 12 minutes final demonstration video before you attend 25 minutes zoom meeting on the schedule below. When you watch these video, please write down your questions as well as related video segment. During the zoom meeting, we will have question and answer and some of teams will be able to do live demo their project. After that, we would like you to complete a short evaluation form. The committee review evaluation is an extremely important process in their final course evaluation, and all input is appreciated. Thank you for taking the time to participate in the evaluation process.

**Students:** Please type in. Submit only 1 form per group 5PM the day before your scheduled zoom meeting day. We will comprise of information pact to send to each committee member and cc to all group members.

# *Group Number: 34*

***Project Title: SMART Garden***

**Group Members and emails:**

**Name\_\_Ryan Hassan\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email\_rhassan10@knights.ucf.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name\_\_Kevin Lorch\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ Email\_\_KRLorch@knights.ucf.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name\_\_\_Lauren Melancon\_\_\_\_\_\_\_ \_\_\_ Email\_laurenmelancon@Knights.ucf.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name\_\_Jonathan Wallhauser\_\_\_\_\_\_ Email\_\_jonathanwallhauser@knights.ucf.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Final Presentation - Date: 4/18/2023**

**Time: 12:00 EST**

Reviewer Name (Print) 1. Mike Borowczak Email: mike.borowczak@ucf.edu

Reviewer Name (Print) 2. Wasfy Mikhael Email: wasfy.mikhael@ucf.edu

Reviewer Name (Print) 3. Kyu Young Han Email: kyhan@creol.ucf.edu

Reviewer Name (Print) 4. Patrick LiKamWa Email: patrick@creol.ucf.edu

**Project presentation video, demo video and 8 page conference paper link information**

**Students:** Please upload videos to youtube and then ***COPY/PASTE*** links into this form. Also please upload your final version 8 page conference paper to a cloud platform and ***COPY/PASTE*** the link which others can download. Please complete these before submit this form. Please also fill in project title and group number in the next page. Thank you.

# *Group Number: 34*

***Project Title: SMART Garden \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Presentation video link:*** [***https://youtu.be/ElGGpybqLjY***](https://youtu.be/ElGGpybqLjY) ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Demo video link:*** <https://youtu.be/ZKYUoi6P1zM>  ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Conference paper download link:*** [Conference Paper](https://1drv.ms/w/s!AnqjDMANZJ3G7kv3c5BCw-T3-MW6?e=wkaaPv) **Faculty and Guest Committee Members:** Please watch 25 minutes presentation video and 12 minutes final demonstration video before you attend 25 minutes zoom meeting. When you watch these video, please write down your questions as well as related video segment (in minutes, seconds). During the zoom meeting, we will have question and answer and some of teams will be able to do live demo their project. Thank you for taking the time to participate in the evaluation process.

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to be filled by reviewer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***Comments Video Segment (min,sec)***

***Presentation video***

***1)***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

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***Demo video***

***1)***

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***8 page conference paper page number/column***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

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# Department of Electrical Engineering and Computer Science



Senior Design Project Evaluation By Project Committee Reviewers

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| --- | --- | --- | --- |
| Thank you again for serving as a project evaluator for the EECS Senior Design course. This form will be used to evaluate the performance of the senior design student groups. The questions are broadly scoped so as to be appropriate for all projects. Please provide your own assessment project design and functionality based upon the demonstrated students skills. | | | |
| Instructions | | | |
| 1. Please confirm that the data section is accurate, if not please make any necessary corrections. 2. Please complete the questions section of the survey by checking the appropriate box. | 3. Please return the survey to:  Dr. Lei Wei or Dr Sam Richie  UCF, EECS -  4000 Central Florida Blvd. Preferred: email this to  Orlando, FL 32816-2450 to lei.wei[@ucf.edu](mailto:samuel.richie@ucf.edu) or richie@ucf.edu | | |
| Data | | | |
| Name of Evaluator: Affiliation: Project Title: Project Group Number: Term: **Spring 2023** | | | |
| Questions - Please rate the following: | | Score Range | Group Score |
| 1. Problem understanding by the group | | 0-15 |  |
| 2. Problem solving approach | | 0-10 |  |
| 3. Design implementation efficiency | | 0-15 |  |
| 4. Functional performance of the prototype | | 0-15 |  |
| 5. Prototype appearance and completeness | | 0-10 |  |
| 6. Apparent distribution of work within the group | | 0-10 |  |
| 7. Organization and quality of the presentation | | 0-15 |  |
| 8. Overall impression of the project and group performance | | 0-10 |  |
|  | | Total |  |
| Remarks (if any): | | | |

- Thank You –



# Department of Electrical & Computer Engineering



Senior Design Project Evaluation By Project Committee Reviewers - ABET Data Sheet

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Thank you again for serving as a project evaluator for the senior design course. If you would please take the time to answer the following questions concerning your perception of student competency, it would greatly enhance our ability to determine student performance and academic outcomes and efficiency. The questions are very subjective and your own assessment is all that is needed to answer the survey questions. | | | | | |
| Instructions | | | | | |
| 1. Please confirm that the data section is accurate, if not please make any necessary corrections. 2. Please complete the questions section of the survey by checking the appropriate box. | 3. Please return the survey to:  Dr. L.WEI /Dr Richie email a scanned copy to  UCF, ECE - HEC-418 [lei.wei@ucf.edu](mailto:lei.wei@ucf.edu)  4000 Central Florida Blvd. richie@ucf.edu  Orlando, FL 32816-2450 | | | | |
| Name of Evaluator: Affiliation: Project Title: Project Team Number: | | | | | |
| Questions - Please rate the following: | | High | Medium | Low | Not Applicable |
| 1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics | |  |  |  |  |
| 2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors | |  |  |  |  |
| 3. an ability to communicate effectively with a range of audiences | |  |  |  |  |
| 4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts | |  |  |  |  |
| 5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives | |  |  |  |  |
| 6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions | |  |  |  |  |
| 7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies. | |  |  |  |  |

- Thank You -