unlv_logo **University of Nevada Las Vegas**

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| --- | --- | --- | --- | --- | --- |
| **Class:** | EE498 Senior Design II | | | **Semester:** | Spring 2020 |
|  | | | | | |
| **Group members:** |  | **Project topic:** | *Keyless-Entry Door Using Facial Recognition* | | |
| *Adrian Ruiz*  *Bryan Takemoto* |  | | | |
| **Document:** | Progress report I | | |

**Abstract**

Write about your project, maximum 300 words. Use the rules: <http://chmaj.faculty.unlv.edu/forstudents#abstract>

**Current state of the project**

Write the synthetic description of the current state of your project. 2-3 paragraphs.

**Current state and roadmap of the project**

Fill the table. Provide the state that your project was at the beginning of the semester. Due dates must comply with the due dates provided in the WebCampus (see the WebCampus for the most recent version of the calendar). Add more rows if necessary.

|  |  |  |  |
| --- | --- | --- | --- |
| **Completed steps** | **Step completed** | **Date completed** | **Comment** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **Incomplete steps / planned goals** | **Step/goal** | **Date to be completed** | **Comment** |
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**Current problems**

Describe current problems you have. Categorize each problem as: easy/moderate/high severity.

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| --- | --- | --- | --- |
| **Problem** | **Severity** | **Idea(s) how to solve** | **Comment** |
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**All roles in the project**

In the table below, briefly describe roles and skills required to do the project

|  |  |
| --- | --- |
|  | **Required skills** |
| **Role 1** |  |
| **Role 2** |  |
| **Microcontroller programmer** | * Knowledge of ATMEGA168 microcontroller * C++ programming * AVR Studio experience |
| **Image processing specialist** | * Knowledge of image processing algorithms |
| **CAD designer** | * CAD skills sufficient to design the device case |

Table 3. Roles & skills

**Team member roles**

Describe who is doing what role in the project

|  |  |
| --- | --- |
|  | **Roles assigned** |
| **Team member 1** |  |
| **Team member 2** |  |

**Members’ tasks**

Create a column for each group member.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Contribution of the member to each task 🡻** | | |  |
| **Member name 1** | **Member name 2** | **Member name 3** | **Task/step completed? (yes/no)** |
| **Task/step 🡻** |
|  |  |  |  |  |
|  |  |  |  |  |

**Current Timeline**

|  |  |
| --- | --- |
| **Week** | **Actions planned** |
| #6 (Oct.2-Oct.8) | * 1 * 2 * 3 * 4 * … |
| #7 (Oct.9-Oct.15) | * 1 * 2 * 3 * 4   … |
| #8 (Oct.16-Oct.22) | * 1 * 2 * 3 * 4   … |
| #9 (Oct.23-Oct.29) | * 1 * 2 * 3 * 4   … |
| #10 (Oct.30-Nov.5) | * 1 * 2 * 3 * 4   … |
| #11 (Nov.6- Nov.12) | * 1 * 2 * 3 * 4   … |
| #12 (Nov.13- Nov.19) | * 1 * 2 * 3 * 4   … |
| #13 (Nov.20- Nov.26) | * 1 * 2 * 3 * 4   … |
| #14 (Nov.27- Dec.3) | * 1 * 2 * 3 * 4   … |

**Comments**

Add any comments related to the project

Remove all text in green.