**ECE183DB Team People: Report Meeting**

**Date: 5/4/2021**

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**Discussions:**

1. User studies – purpose, we want an outcome of this study. Quantify the performance of the system. Figure out the price point of the product. What would the user studies help with our goals to design a product that solve some problem that maximizes the value.
   1. Example: user might be restaurant patron.
   2. Example: deciding where the door we want to unload the trays

There are people that will load and unload the robot. There’s also owner of the restaurant. Each of them has different agendas. Start with the owner as he/she will be the one buying. Who’s going to be maintaining it.

1. There’s time to conduct the study, and there’s time to make decision based on the study.
2. We need to figure out wiring if it affected range of motion.

**Decisions:**

1. [decisions that we made during this meeting especially design decision]

**Action Items:**

1. [something that needs to be done, by who and when]

**if a(2)==1 %we received input from user that the storage is cleared**

**s(1)=0;**

**elseif (a(1)==0 || s(2)==0)**

**%do nothing**

**elseif (a(1)==1)**

**[TIME1,TIME2,TIME3,TIME4,TIME5] = move\_motor(s(1)+1);**

**%move column down**

**t = 1;**

**while t <= TIME1**

**wb\_robot\_step(TIME\_STEP);**

**wb\_motor\_set\_velocity(motor\_vertical,-0.2);**

**t = t+1;**

**end**

**%move column left**

**t = 1;**

**while t <= TIME2**

**wb\_robot\_step(TIME\_STEP);**

**wb\_motor\_set\_velocity(motor\_horizontal,-0.2);**

**t = t+1;**

**end**

**%move column down**

**t = 1;**

**while t <= TIME3**

**wb\_robot\_step(TIME\_STEP);**

**wb\_motor\_set\_velocity(motor\_vertical,-0.2);**

**t = t+1;**

**end**

**%move column right**

**t = 1;**

**while t <= TIME4**

**wb\_robot\_step(TIME\_STEP);**

**wb\_motor\_set\_velocity(motor\_horizontal,0.2);**

**t = t+1;**

**end**

**%move column up**

**t = 1;**

**while t <= TIME5**

**wb\_robot\_step(TIME\_STEP);**

**wb\_motor\_set\_velocity(motor\_vertical,0.2);**

**t = t+1;**

**end**

**s(1) = s(1)+1;**

**if s(1)==4 %the storage is full**

**s(2)=0;**

**end**

**end**