MILESTONE 2 (STAGE 1) – REFINED CONCEPT SKETCHES (MODELLING SUB-TEAM)

Team Number: | 19

Complete this worksheet individually <u>before</u> coming to Design Studio 8.

1. Complete your sketch on a separate sheet of paper
   → Be sure to clearly write your Team Number, Name and MacID
2. Take a photo of your sketch
3. Insert your photo as a Picture (Insert > Picture > This Device)

At the beginning of Design Studio, we will be asking that you copy-and-paste the same photos into **Milestone Two Team Worksheets.** It does seem redundant, but there are valid reasons for this:

- Each team member needs to submit their refined concept sketches with the **Milestone Two Individual Worksheets** document so that it can be *graded*
- Compiling your individual work into this **Milestone Two Team Worksheets** document allows you to readily access your team member's work
   o This will be especially helpful when completing *Stage 3* of the milestone

Name: Sana Khan	MacID: khans288
Insert screenshot(s) of your refined sketch below	

*For multiple sketches, please copy and paste the above on a new page

MILESTONE 2 (STAGE 2) – COMPUTER PROGRAM WORKFLOW (COMPUTATION SUB-TEAM)

Team Number: 19

Complete this worksheet individually <u>before</u> coming to Design Studio 8.

1. Complete your storyboard or flowchart sketches on a separate sheet of paper
    → Be sure to clearly write your Team Number, Name and MacID on <u>each</u> sketch
2. Take a photo of your sketch
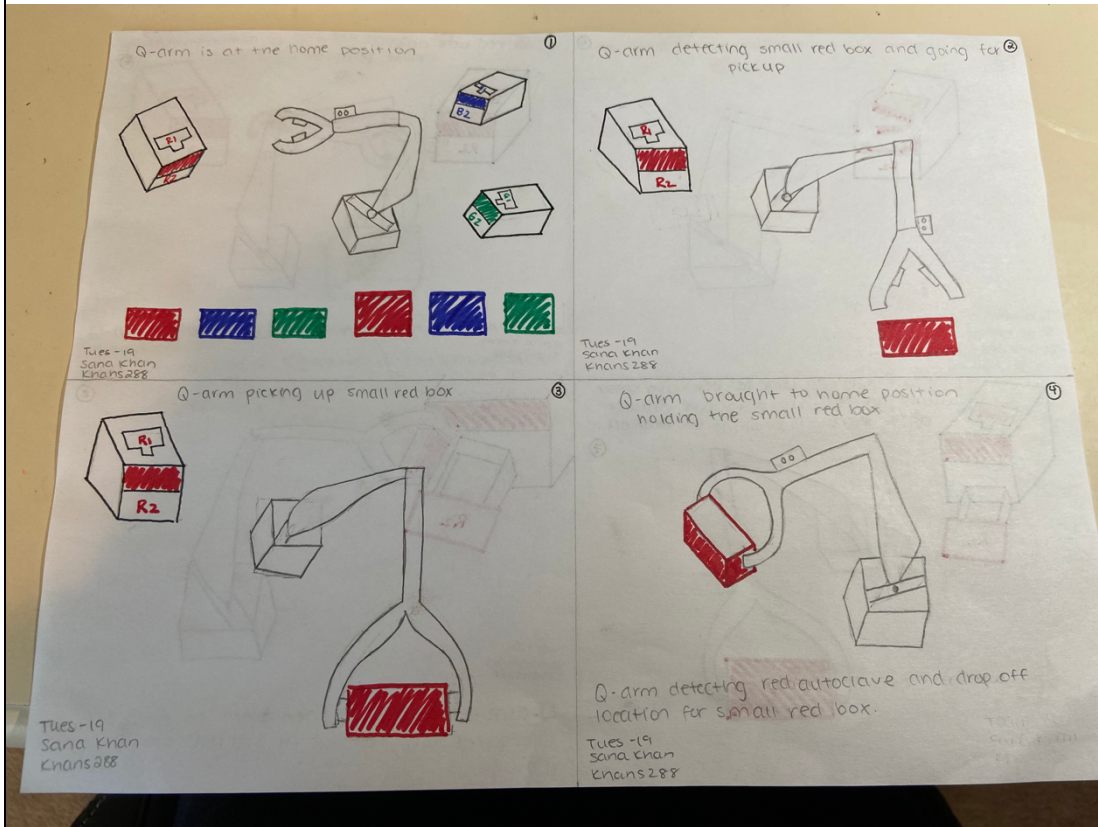3. Insert your photo as a Picture (Insert > Picture > This Device)

At the beginning of Design Studio, we will be asking that you copy-and-paste the same photos into **Milestone Two Team Worksheets.** It does seem redundant, but there are valid reasons for this:

- Each team member needs to submit their storyboard/flowchart with the **Milestone Two Individual Worksheets** document so that it can be *graded*
- Compiling your individual work into this **Milestone Two Team Worksheets** document allows you to readily access your team member's work
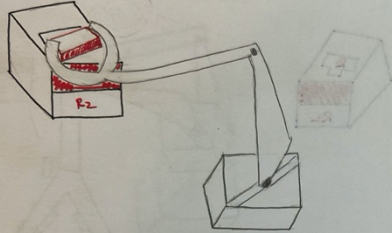   - This will be especially helpful when completing *Stage 3* of the milestone

Name: Sana Khan | MacID: khans288

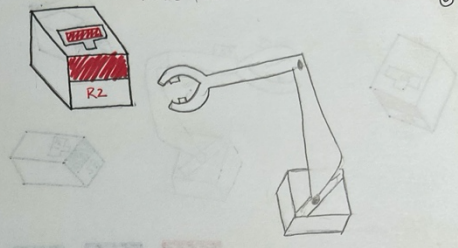*Insert screenshot(s) of your workflow below*
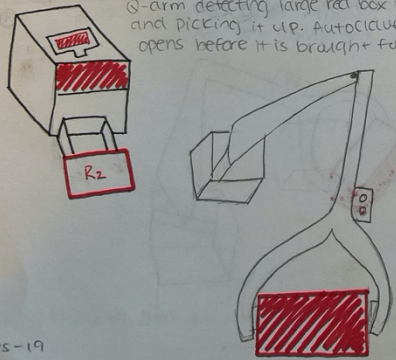
Q-arm dropping off small red box to red autoclave ⑤

Tues-19
Sana Khan
Khans288

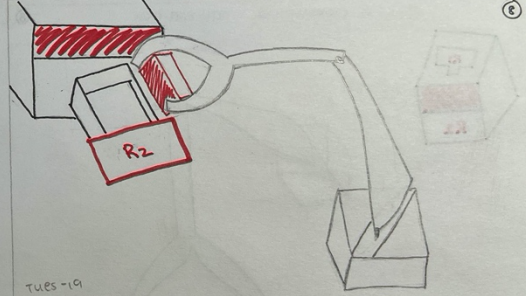small red box dropped off and Q-arm returned to home position ⑥

R2

Tues-19
sana khan
Khans288

Q-arm detecting large red box with sensor and picking it up. Autoclave drawer opens before it is brought for drop off. ⑦

R2

Tues-19
Sana khan
Khans88

⑧

R2

Tues-19
Sana khan
Khans288

Q-arm returned home then went to drop off location of large red box at red autoclave drawer

R₂

Q-arm returned back to home position, autoclave drawer closed.

Steps 1-9 are repeated for the rest of the pairs of bins, then the program terminates.

Tues -19
Sana khan
khans288

Team Number: | 19

Please complete this worksheet in your corresponding team document.

MILESTONE 2 (STAGE 3B) – LOW-FIDELITY PROTOTYPE OBSERVATIONS (MODELLING SUB-TEAM)

Please complete this worksheet in your corresponding team document.

MILESTONE 2 (STAGE 4A) – WORKFLOW PEER-REVIEW (COMPUTATION SUB-TEAM)

Please complete this worksheet in your corresponding team document.

MILESTONE 2 (STAGE 4B) – PROGRAM PSEUDOCODE (COMPUTATION SUB-TEAM)

Please complete this worksheet in your corresponding team document.