Senior Project Status Report

Name \_\_Yiyang Wang\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PSR #\_1\_ From \_Feb 3rd, 2020\_ to \_Feb 21th, 2020\_

These are due on the first Wednesday after each PSR period. Make sure they are typed and on time.

**Part I - Bi-weekly update:**

**Hours:**

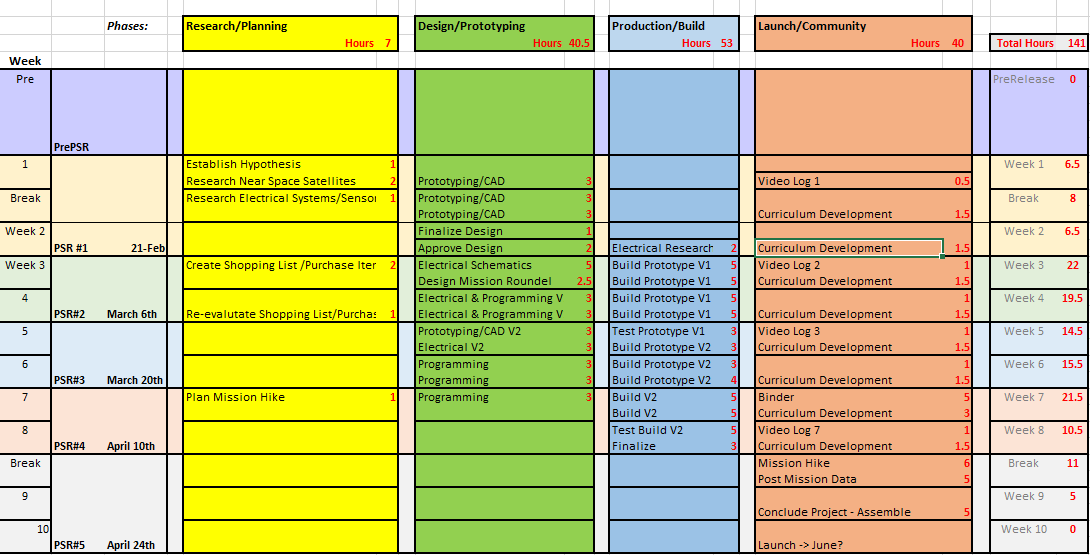
|  |  |  |
| --- | --- | --- |
| **Gantt Chart Phases** | **This PSR** | **Cumulative** |
| Phase: Research/Planning | 3.5 | 3.5 |
| Phase: Design/Prototyping | 12 | 12 |
| Phase: Production/Build | 1 | 1 |
| Phase: Launch/Community | 3.5 | 3.5 |
| **Total Hours** | **20** | **20** |

**Activities:**

| **Date & Time** | **Activities and Links** | **Hours** |
| --- | --- | --- |
| 11/22/2020 3:30PM-5:30PM | **Description of Activity (1-2 sentences): I planned a meeting and met with my to-be mentor to discuss my project. I proposed my ideas and discussed with him my goals for the project.**  **Deliverable(s):**  **This is an email chain of my emails with my mentor.** [11/22 Pre-PSR](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Professionalism.one#11/22%20Pre-PSR&section-id={E41C09C8-E99E-4CB1-9483-B6ECD664970B}&page-id={13865661-BA6D-4BAD-9088-EDF1DDC61E0C}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProfessionalism.one%7CE41C09C8-E99E-4CB1-9483-B6ECD664970B%2F11%5C%2F22%20Pre-PSR%7C13865661-BA6D-4BAD-9088-EDF1DDC61E0C%2F%29)) | 2 |
| 2/5/2020 1:20 PM-3:50PM | **Description of Activity (1-2 sentences): I started looking up mission patches from NASA and SpaceX. Have chosen a general style and design that I like for my mission and will create a custom one soon.**  **Deliverable(s):**  **This is the research that I have done on the Mission Patches.**  [2/5 Mission Patch/Design Research](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/5%20Mission%20Patch/Design%20Research&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={D8B4EF57-E1F3-4F6E-87D0-B4673204FD11}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F5%20Mission%20Patch%5C%2FDesign%20Research%7CD8B4EF57-E1F3-4F6E-87D0-B4673204FD11%2F%29)) | 2.5 |
| 2/10/2020 1:30PM- 5:00 PM | **Description of Activity (1-2 sentences): I met with my mentor again and went over my Gantt chart, and discussed the constraints of the project. I also setup a GitHub repository and began mapping out my plan for my satellite. I was sent documentation of the electrical board from my mentor. I named my project ‘ASTRAIOS’**  **Deliverable(s): GitHub page, Electrical documentation, Mentor meeting, a record of what I did that day.**  [2/10 GitHub Setup](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/10%20Github%20Setup&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={CFA80159-1F77-4833-AE9D-3CA56746792E}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F10%20Github%20Setup%7CCFA80159-1F77-4833-AE9D-3CA56746792E%2F%29))  [2/10 Project Documentation](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/10%20Project%20Documentation&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={926EF3B5-EACB-4FDF-B5BF-7848FD2B5E91}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F10%20Project%20Documentation%7C926EF3B5-EACB-4FDF-B5BF-7848FD2B5E91%2F%29))  [2/10 Mentor Meeting](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/10%20Mentor%20Meeting&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={37CC4EF9-70A7-45F8-B359-3EB601E94AEA}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F10%20Mentor%20Meeting%7C37CC4EF9-70A7-45F8-B359-3EB601E94AEA%2F%29)) | 4.5 |
| 2/11/2020 4:00-6:00 | **Description of Activity (1-2 sentences): I was given two satellites from previous launches to look at from my mentor. I took some time to go over the structure and materials of the satellite. I also created an online Trello/checklist for my project**  **Deliverable(s): A few pictures of the satellites I borrowed from past missions.**  [2/11 Sample Satellites](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/11%20Sample%20Satellites&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={B32978BF-5253-493B-A30A-BC7F8B7F9FCF}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F11%20Sample%20Satellites%7CB32978BF-5253-493B-A30A-BC7F8B7F9FCF%2F%29))  [2/11 Organization](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/11%20Organization&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={955EF362-9052-4499-A708-81F85D13A378}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F11%20Organization%7C955EF362-9052-4499-A708-81F85D13A378%2F%29)) | 2 |
| 2/13/2020 2:00 PM-5:30PM | **Description of Activity (1-2 sentences): I began doing research on what satellite designs. I also have chosen my sensors which will guide my hypothesis. I also began to take video of my progress on the project.**  **Deliverable(s) [1 sentence description and link]:**  **Researched design and compiled research into a table, Sensor schematics and circuit board. Picture of camera I was using for log.** [2/13 Hypothesis creation/sensors](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/13%20Hypothesis%20creation/sensors&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={171C748E-4072-4B41-A59E-9FDB70001322}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F13%20Hypothesis%20creation%5C%2Fsensors%7C171C748E-4072-4B41-A59E-9FDB70001322%2F%29))  [2/13 Nearspace Satellite Research/Design](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/13%20Nearspace%20Satellite%20Research/Design&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={36703B1C-8B83-484F-85E6-01233F4D0672}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F13%20Nearspace%20Satellite%20Research%5C%2FDesign%7C36703B1C-8B83-484F-85E6-01233F4D0672%2F%29))  [2/13 Part of.. Vlog 1](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/13%20Part%20of..%20Vlog%201&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={C7C25C91-53C7-4677-BE41-279094AC7840}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F13%20Part%20of..%20Vlog%201%7CC7C25C91-53C7-4677-BE41-279094AC7840%2F%29)) | 3.5 |
| 2/17/2020 12:00AM – 1:30 PM | **Description of Activity (1-2 sentences): I have started to do some CAD design on the satellite. I drew up some sketches and played around in Autodesk Inventor to get used to the platform.**  **Deliverable(s) [1 sentence description and link]:**  **There are some pictures of me working on a piece of my satellite in CAD, and using Autodesk Inventor.**  [2/17 CAD Practice](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/17%20CAD%20Practice&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={14820BB5-946B-4677-8091-475934B03D3C}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F17%20CAD%20Practice%7C14820BB5-946B-4677-8091-475934B03D3C%2F%29)) | 1.5 |
| 2/24/2020 1:20PM-3:00PM & 10:00PM-11:30PM | **Description of Activity (1-2 sentences): I have worked on a full prototype of the satellite design in Autodesk inventor. The design contains drawings of parts to make.**  **Deliverable(s) [1 sentence description and link]:**  **I have rendered an image of my progress so far and have added screenshots of the workspace.**  [2/24 CAD model designing](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/24%20CAD%20model%20designing&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={4E6D8417-BF05-4E9A-9EF6-38AD39C87A87}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F24%20CAD%20model%20designing%7C4E6D8417-BF05-4E9A-9EF6-38AD39C87A87%2F%29)) | 4 |

**Progress:**

(Your most recently updated Gantt chart goes here. Make sure you have a saved copy of your original)



**Answer the next questions in complete sentences. Be thorough.**

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| --- |
| **What were your original plans for this PSR period?** My original plans for this PSR period were to establish my hypothesis, do research, and begin prototyping. This includes creating a scientific question which I will be answering with the satellite. The research component includes researching what design is optimal for my satellite. I also planned on researching about creating a mission patch for my satellite. Lastly, I had planned to begin making drawings, sketches, and models of my satellite.  **What did you actually accomplish?**  I accomplished establishing my scientific question, research, and prototyping. To be specific I did research on what shape I should make my satellite, and past NASA patches. I gained valuable documentation from my mentor on the vital components of the satellite and have established a first iteration model for ASTRAIOS.  **What are your plans for the next PSR period?**  My next plans are to begin creating a shopping list of things to purchase as well as building the prototype that I’ve designed in Autodesk Inventor. I have yet to design an inner rack to hold the electronics board and other vital parts which I will have to do. Along with that, I need to begin learning how to program a PICAXE micro controller and scheming out how I will do my electrical and programming work. For my community aspect, I have yet to begin compiling a guidebook for students and to help my mentor with his air & space class at Tyee. |

**Part II - Overall Project Status:**

You will add to this section each PSR. The reflections will go into your portfolio.

New additions should be typed using **red text.**

Entries from previous PSRs should be changed to **black text**.

**Required Elements: Feedback, Presentation, & Deliverables**

**Required Feedback:** You must elicit expert feedback on your learning, project achievement, and

presentation. This feedback should be from two or three different sources, one of which can be your mentor. The other feedback can come from anyone else that you feel is qualified to give you feedback that will help you move forward with your goals.

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Type of feedback | Name | Title |
|  | Learning Stretch |  |  |
|  | Project Achievement |  |  |
|  | Presentation |  |  |
|  | Professionalism |  |  |
|  | Audience | N/A | Relevant? Yes / No |

**Presentation:** At some point in your project you must give a presentation to relevant project stakeholders. Describe the presentation, being sure to include: date, location, type of presentation, topic, audience, and success of presentation.

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| . |

**Deliverables:** You need to document your goal attainment with items that demonstrate what you are learning and achieving. You should be working towards having **AT LEAST 2 quality deliverables for each of your goals per PSR period**. You need to have a total of 10 for each goal by the time you are finished with release.

**Professionalism Deliverables:**

* [11/22 Pre-PSR](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Professionalism.one#11/22%20Pre-PSR&section-id={E41C09C8-E99E-4CB1-9483-B6ECD664970B}&page-id={13865661-BA6D-4BAD-9088-EDF1DDC61E0C}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProfessionalism.one%7CE41C09C8-E99E-4CB1-9483-B6ECD664970B%2F11%5C%2F22%20Pre-PSR%7C13865661-BA6D-4BAD-9088-EDF1DDC61E0C%2F%29))
* [2/10 Mentor Meeting](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Professionalism.one#2/10%20Mentor%20Meeting&section-id={E41C09C8-E99E-4CB1-9483-B6ECD664970B}&page-id={50D6498E-5E09-426F-92DB-783A89CAC350}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProfessionalism.one%7CE41C09C8-E99E-4CB1-9483-B6ECD664970B%2F2%5C%2F10%20Mentor%20Meeting%7C50D6498E-5E09-426F-92DB-783A89CAC350%2F%29))

**Learning Stretch Deliverables:**

* [2/24 CAD model designing Iteration 1](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/24%20CAD%20model%20designing%20Iteration%201&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={4E6D8417-BF05-4E9A-9EF6-38AD39C87A87}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F24%20CAD%20model%20designing%20Iteration%201%7C4E6D8417-BF05-4E9A-9EF6-38AD39C87A87%2F%29))
* [2/17 CAD Practice](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Learning%20Stretch.one#2/17%20CAD%20Practice&section-id={E7E9E522-889D-488B-BE06-3359A0EEF91F}&page-id={14820BB5-946B-4677-8091-475934B03D3C}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FLearning%20Stretch.one%7CE7E9E522-889D-488B-BE06-3359A0EEF91F%2F2%5C%2F17%20CAD%20Practice%7C14820BB5-946B-4677-8091-475934B03D3C%2F%29))

**Project Achievement Deliverables:**

* [2/13 Hypothesis creation/sensors](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/13%20Hypothesis%20creation/sensors&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={171C748E-4072-4B41-A59E-9FDB70001322}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F13%20Hypothesis%20creation%5C%2Fsensors%7C171C748E-4072-4B41-A59E-9FDB70001322%2F%29))
* [2/11 Sample Satellites](onenote:https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/SiteAssets/2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook/Wang,%20Yiyang%20(Student)/Project%20Achievment.one#2/11%20Sample%20Satellites&section-id={D6625D17-BCC4-4DD2-8828-343D38BDA9E3}&page-id={B32978BF-5253-493B-A30A-BC7F8B7F9FCF}&end)  ([Web view](https://bsd405.sharepoint.com/sites/Section_SS_703.1-003-499/_layouts/OneNote.aspx?id=%2Fsites%2FSection_SS_703.1-003-499%2FSiteAssets%2F2019-S1-P7-US%20Gov_Sr%20Proj%20Notebook&wd=target%28Wang%2C%20Yiyang%20%28Student%5C%29%2FProject%20Achievment.one%7CD6625D17-BCC4-4DD2-8828-343D38BDA9E3%2F2%5C%2F11%20Sample%20Satellites%7CB32978BF-5253-493B-A30A-BC7F8B7F9FCF%2F%29))

Reflections:

Choose one question to answer each time you submit a Project Status Report. The responses should be in the form of a typed out paragraph(s) and answers all of the elements of the question.

**Professionalism:** What interactions have you had so far in your project that demonstrate effective communication, evidence of a productive relationship with a stakeholder, and/or your ability to manage your project effectively?

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| So far, I have had great interactions with my mentor for this project as well as mentors from my robotics team. I’ve been able to effectively communicate my ideas to them in a timely and polite manner. Through the conversations whether it’d be through email or in person, I was able to understand what my mentor was thinking and how he wanted to help me with my project both on both the technical and academic aspects. For many of the emails I have been sending to my mentor I have aimed to reply in a timely manner and communicated my needs in a polite and respectful way. I am able manage my project effectively through maintaining an effective line of communication with my mentor. |

**Anticipating & Solving Problems:** Have you run into problems as you have worked on this project? If not, what steps did you take to avoid problems? If you have had problems, explain how you solved them. If you could start this project over, is there anything you would do differently based on the problems you have experienced?

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**Learning Stretch:** Looking at your learning stretch goal, what aspect(s) of this goal have you achieved thus far? Be specific about what you have learned about your project topic and how you learned it. Describe any feedback you have gotten about your level of knowledge.

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**Project Achievement:** Looking at your project goal, what part(s) of your project have you completed so far? What things are going as planned and what things have surprised you? Reflect on your level of goal attainment. Describe any feedback you have gotten on the success of your project.

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**Community Involvement:** How has your project gotten you involved in the community so far?

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