|  |  |  |
| --- | --- | --- |
| **User Story / Requirement ID** | **User Story/Requirement Under Test** | |
| 001 | This user is requiring that his flying can open and close the suit´s wing flaps  from 0 to 85 degrees. It has no minimum or maximum time of operation. | |
| ***Is it valid?*** |
| Yes |
| ***If not valid, what is the new/Extra information from Marketing/Product Owner?*** | | |
|  | | |
| **Test Case ID** | **Test Case Name** | |
| Iron Man Suit | Iron Man Suit flaps opening from 0° to 85° | |
| **Test Case Steps** | | |
| **Step Number** | **Step description** | **Expected Result** |
| **1.** | Sending command trough voice, the voice command  will be defined as “suit, set flaps to: …... degrees)  opening or closing the flaps with the assigned  actuator. | Opening from 0° to 85°, verified  by specifically made position  sensor (potentiometer with the  needed coupler) |
| **2.** | Sending command trough manual operation. | Opening from 0° to 85°, verified  by specifically made position  sensor (potentiometer with the  needed coupler) |
| **3.** | Sending command but the flap has an object blocking  the path. | Not opening, stop the operation. |
| **4.** | Sending command to open but the suit is flying at top  speed. | Opening from 0° to 85°, verified  by specifically made position  sensor (potentiometer with the  needed coupler) |
| **5.** | At top speed (maximum opposite force caused by  air friction) open the flaps gradually from 0 to 85°. | Opening from 0° to 85°, verified  by specifically made position  sensor (potentiometer with the  needed coupler) but with speed  decreasing. |
| **6.** | Without the suit flying and the flaps fully opened,  manually try to tear away the flaps. | The flaps stay without any kind  of damage. |
| 7. |  |  |
|  |  |  |

**Activities on GitHub**

On the GitHub repository of your project: in teams, analyze the following user stories and create a *test case* for each of them:

1.- As Iron Man Suit Pilot, I want that my air flaps have 0° to 85° degrees of opening for better flying control.

2.- As Sith Knight, I want that my light saber firmware turns off my saber when kyber crystal gets overheated (1420°F).

*Commit your test case on your GitHub repository as it was taught on the* Introduction to Control Version *Module****.***

***Do NOT forget add this instructions file!***

Send an email to the following engineers with the link of your GitHub repository. Attached files will not be accepted.

Rodolfo Piña [rodolfo.pinaramirez@resideo.com](mailto:rodolfo.pinaramirez@resideo.com)

Miguel Diaz [jose.diaz@resideo.com](mailto:jose.diaz@resideo.com)

Julio Delgado [julio.delgado@resideo.com](mailto:julio.delgado@resideo.com)

Cesar Rodríguez [cesar.rodriguezesqueda@resideo.com](mailto:cesar.rodriguezesqueda@resideo.com)

Luis Rojas [luisemmanuel.rojas@resideo.com](mailto:luisemmanuel.rojas@resideo.com)

**Activity: TestCases; Team: <name of your team>**

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