Software information

Here are some answers for the software questions. Please forward along.

**1. Plan.json Example**

The plan.json can be downloaded from: <http://www.hunchdesign.com/software-project-information.html>

At the top level of the JSON there’s an array called “rows” which some of those are “crewMembers”, and each activity has an array “rows” with the id’s of the corresponding crew members that it belongs to.

Some explanation on each activity:

 "executionNote": "1. Fill out the following questionnaire for EVA <br/>”,    - each activity has executionNotes and opsNotes to help the crew execute the activity

      "requiredConditions": [], - ignore

      "isTask": true, - ignore

      "customColor": "ffffff”, - RGB color

      "timeCritical": false, - means it has to happen at that time – in ISS world it has a dark blue border around the activity

      "flexible": true, - means it can be moved in the planning tools

      "editable": true, - ignore

      "procedures": [], - array of procedure links – can ignore

      "rows": ["FE2”], - row assignment, some are crew members, see top level array of rows

      "id": "ABA32FDE02671A5JSSC0”, - unique id

      "start": 1500503100000, - start time (unix time from epoc - milliseconds from 1970 it’s a standard date) can pass it into Date JavaScript Object

      "unscheduled": false, - if true, it’s not in the timeline, if false then it has a start and end time

      "sequence": "Sequenced 1”, - ignore (in Space Station tools it means a color)

      "name": "EVA Questionnaire”, - name of activity

      "opsNote": “",

      "end": 1500504900000, - end time

      "groups": ["SBA32FDE02671A2JSSC0”] - belongs to a group with this ID but can ignore for now

    },

**2. Web-based:** What we mean with web-based is that we should be able to access it through a web browser, specifically Safari on an iPad since that’s what they have on board the International Space Station, so the languages would be HTML, CSS and JavaScript. I don’t think C# would have that capability.  Usually there's a server process (like node) which holds the information and then a web browser gets that from the node service and displays it properly.

**3. Wi-Fi:** Yes, there is Wi-Fi on board the International Space Station and it works pretty much the same that it does on Earth. They can’t connect directly to something that is on Earth though because connectivity goes in-and-out based on satellite coverage. They would have to install the server for your application on board in one of the computers so they can access it. Instead of a website URL like https://[google.com](http://google.com) it would be something like <http://computer-123/> and but the access is identical.