**Internship Description**

* Top of Form
* Click on Go to Workspace Option to access the Project Workspace.
* Total Internship duration is 1 month, within this time you have to complete the project in one week with the expected outcome.
* References & Learning resources are provided for every activity.
* Your login and logouts to the workspace are monitored, it is mandatory to maintain 5-days a week attendance.
* All the project deliverables shall be pushed to GitHub Repository & daily work status shall be updated to mentor via Slack Channel.
* Use Zoho Writer to update the project documentation regularly.
* Individual activity status shall be updated on the Kanban Board without fail.
* Use the commenting option on the activity card to communicate with the mentor in case of any query, Mentor replies can be accessed from the Mentor View tab.
* Once the mentor approves all activities, you have to capture a project demonstration video and upload it to the GitHub.
* Your profile shall be filled completely to get the Internship Certificate, you can access the certificate anytime from the dashboard.
* ***We wish you all the best!!***

Bottom of Form

|  |  |  |
| --- | --- | --- |
| Internship Title | : | July 22 IOT (Basic) Slot 10 - 6 |
| Project ID | : | SPS\_PRO\_250 |
| Project Title | : | Green house monitoring & control system |
| Duration | : | 21 Days |
| Internship Description | : | Click here to view the Internship Description |
| Team | : |  |

Overall Project Progress

0%

Assigned Tasks Progress

0%

HIDE

 MENTOR INSTRUCTIONS

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 Go to GIt Repository [Go to Writer](https://workdrive.zohoexternal.com/external/5k2wAp9KFMa-LYmlU)  Go to Slack Channel

7 Days 17:41:54

Note: Use password **zbOECjr** to get access for writer

* [PROJECT DETAILS](https://smartinternz.com/Student/workspace/3607#home)
* [TASK & PROGRESS](https://smartinternz.com/Student/workspace/3607#menu2)
* [MENTOR REVIEW](https://smartinternz.com/Student/workspace/3607#menu3)
* Green House Monitoring & Control System

**INTERMEDIATE**

### Green House Monitoring & Control System

Category: Internet Of Things

Skills Required:  
Python,IOT Open Hardware Platforms,IOT Application Development,IOT Cloud Platform ,IOT Communication Technologies,IOT Communication Protocols

Project Description:

Features:

* Plant needs suitable climatic conditions to grow and yield a good crop. Green house monitoring allows the farmer to know the temperature,humidity and soil moisture content.
* Sprinklers or motor is Self regulated to switch ON/OFF depending upon the soil moisture content.
* User can know the temperature, humidity and soil moisture values in Web page or Mobile App.
* User has an option of selecting particular crop from the mobile app so that the optimal conditions at the device will be configured according to the crop.
* If any parameters reach beyond the threshold values user is notified with messages.



