

Progress Presentation-I

e-Yantra Summer Internship-2017
GrowBox Makeover

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Mentors:

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Overview of Project

Progress
Presentation-I

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Overview of
Project

Overview of Task

Task
Accomplished

Task

- Project: **GrowBox Makeover**
- Objective: Modelling, Designing and Building of Growbox.
- Deliverables: 1) 3D Printing the game console case and testing of assembly
2) Fabrication of GrowBox.

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Task No.	Task	Deadline
1.	Setting up Fusion 360, understanding the different tools	2 days
2.	Design of Game console casing	3 days
3.	3D printing the game console	1 day
4.	Making note of all different elements of existing GrowBox	2 days
5.	Listing the various designs required for the growbox	2 days
6.	Making rough sketch of the design by hand with proper measurement	2 days

Task Accomplished

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- Task 1- Installed fusion 360 and understood different tools in it.
- Task 2-
 - 1 Measuring dimension of game console PCB.
 - 2 Making rough sketch of game console case.
 - 3 Designing of game console in Fusion 360.
 - 4 3D Printing of game console in progress.
- Task 3- Understanding different elements of growbox .
- Task 4- Rough sketch of growbox.

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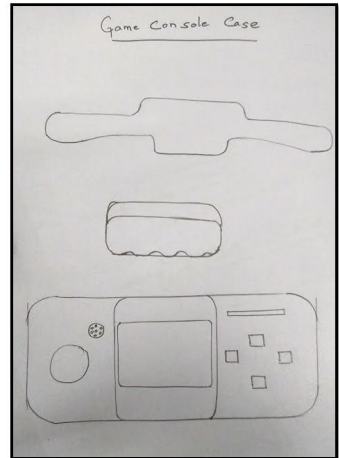
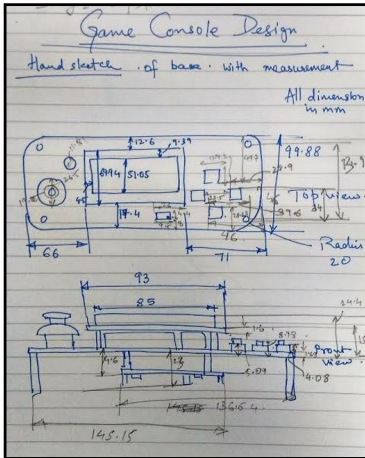
Overview of Project

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Task Accomplished

Task

Game Console Case Rough Sketches



Task Accomplished

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Game Console Case RFinal Design



The 3D model is ready. Click 3D MODEL

Task Accomplished

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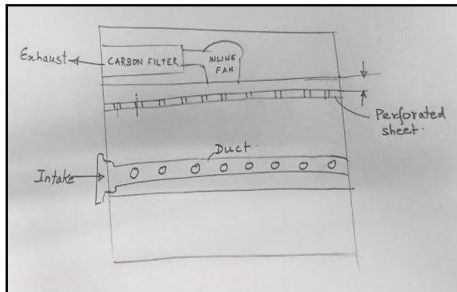
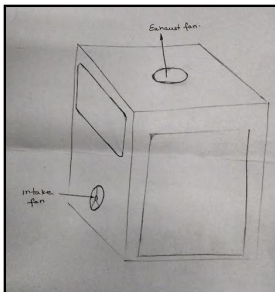
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GrowBox V1 Rough Sketches



The Rough 3D model is ready. Click 3D MODEL

Challenges Faced

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- 1 Understanding tools of Fusion360 compared to SolidWorks .
- 2 3D Model of game console case locking mechanism.
- 3 3D printing of case.
- 4 Understanding Growbox ventilation and lighting system.

Future Plans

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- 3D Printing and testing assembly of game console case.
- Finalizing the design of growbox V1.
- Finalising measurement of growbox.
- Designing of V1 in fusion 360.

Thank You

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THANK YOU !!!