

IDEA PITCHING OF GROUP PROJECT

Group D5



Introduction

This presentation is focused in idea pitching of each group member. We choose the best idea for our project. We try to give rough idea of our project from this presentation.



Ideas of each group member

22/ENG/126 R.M.G.CHAMARA

1. Folding chair
2. Metal bucket
3. Drum set
4. Toy car using arc welding
5. Necklace – arc welding
6. Rotatable table
7. Toy using 3D printing
8. Metallic watering can
9. Wheel barrow
10. Metal cup

22/ENG/150 S.D.T.N.FERNANDO

1. Metal helmet for soldiers
2. Metallic wall decor
3. Normal chair
4. Metallic dress
5. A recyclable metallic pen
6. A metallic dustbin
7. The metallic strove
8. Metallic toy puppet
9. Metallic pencil box
10. A door lock

22/ENG/129 R.H.M.PRABATH

1. Foldable lab stand
2. Vehicle tool kit
3. Key tag
4. Window lock
5. Vehicle jack
6. Tool box
7. Clock pendulum
8. Nut and bolt
9. Adjustable desk
10. Table lamp



Pugh chart

	Weight	Folding chair	Metal bucket	Drum set	Toy car-arc welding	Necklace-arc welding	Rotatable table	Toy car using 3D printing	Metal watering can	Wheel barrow	Metal cup
Durability	++	+	+	0	-	+	+	0	0	0	-
Cost	-	-	-	0	0	0	--	0	+	+	+
Creativity	++	0	0	+	0	0	+	+	+	+	0
Social impact	++	+	0	0	-	+	0	+	+	0	0
Feasibility	+	0	0	+	+	0	0	0	0	0	+
Safety	+	0	-	0	+	0	0	0	0	-	+
+	8	2	1	2	2	2	2	2	2	2	3
0	0	3	3	4	2	4	3	4	3	3	2
-	1	1	2	0	2	0	2	0	0	1	1
Total points	7	1	-1	2	0	2	0	2	1	1	2

22/ENG/126



Best idea
• **Folding chair**

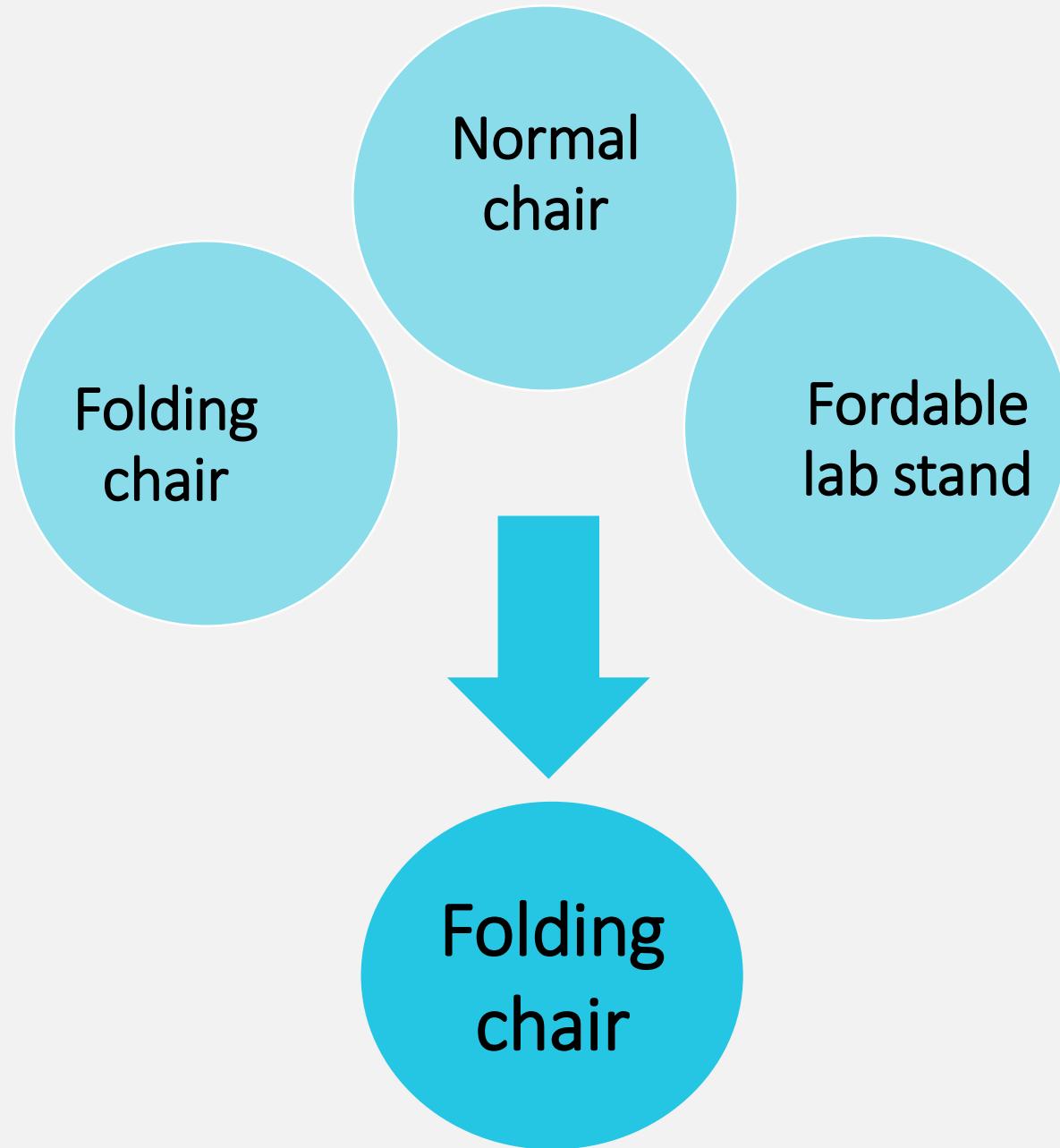
	Weight	Metal helmet	Metallic wall decor	Normal Chair	Metallic dress	Recyclable metallic pen	Metallic dustbin	Metallic strove	Metallic toy puppet	Metallic pencil box	A door lock
Durability	-	0	++	-	-	+	-	-	0	+	
Cost	0	+	-	-	+	0	+	0	0	-	
Creativity	+	+	+	+	+	0	0	+	+	+	
Social impact	+	+	+	+	+	+	+	+	+	0	+
Feasibility	+	0	+	0	0	0	0	0	0	0	
Safety	+	0	+	0	0	0	0	0	+	0	0
+	4	3	6	2	3	2	2	3	1	3	
0	1	3	0	2	2	4	3	2	5	2	
-	1	0	1	2	1	0	1	1	0	1	
Total points	3	3	5	0	2	2	1	2	1	2	

Best idea
 • Normal chair

		Fordable lab stand	Vehicle toolkit	Key tag	Window lock	Vehicle jack	Tool box	Clock pendulum	Nut and bolt	Adjustable desk	Table lamp
	Weight										
Durability	+	+	-	+	+	+	-	+	+	+	0
Cost	+	0	0	-	-	0	0	0	0	0	-
Creativity	0	-	0	+	0	-	0	-	+	+	+
Social impact	+	+	+	+	+	+	+	0	+	+	+
Feasibility	+	0	0	0	0	0	0	0	0	0	0
Safety	0	0	0	+	0	0	0	0	-	0	0
+	4	2	1	4	2	2	1	1	3	2	
0	2	3	4	1	3	3	4	4	2	3	
-	0	1	1	1	1	1	1	1	1	1	1
Total points	4	1	0	3	1	1	0	0	2	1	

Best idea

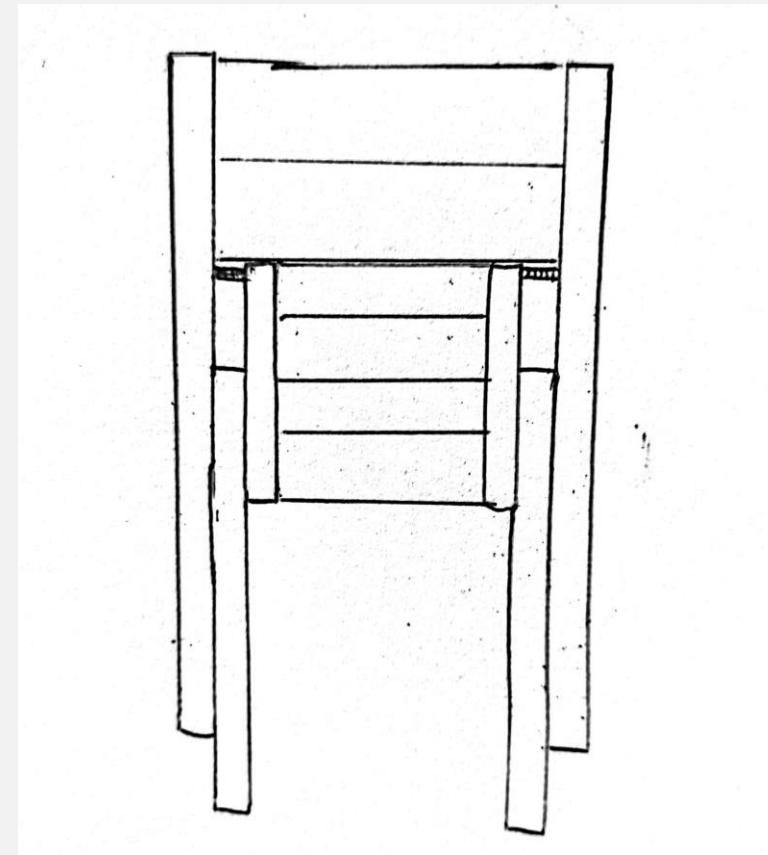
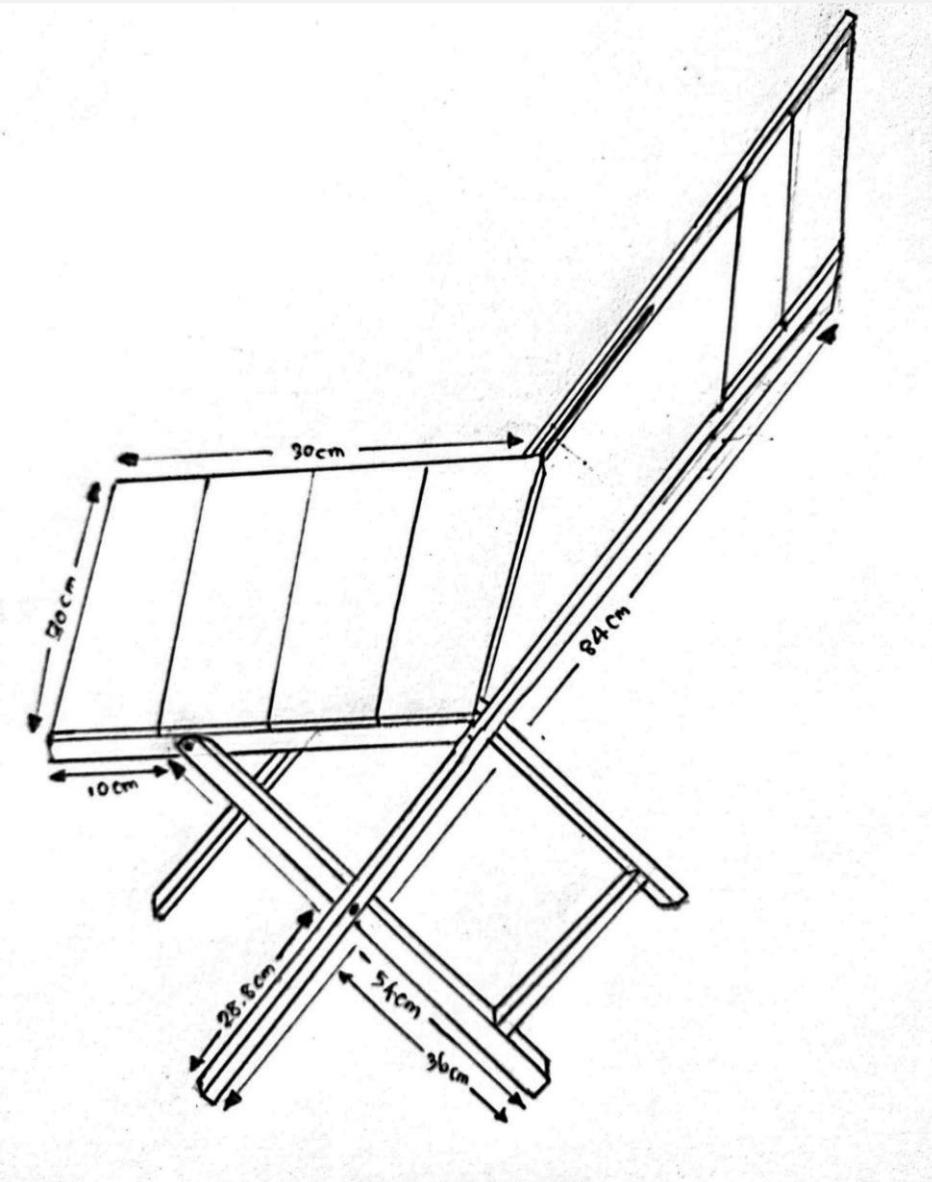
- Fordable lab stand



Key features of the folding chair



Hand drawn diagram

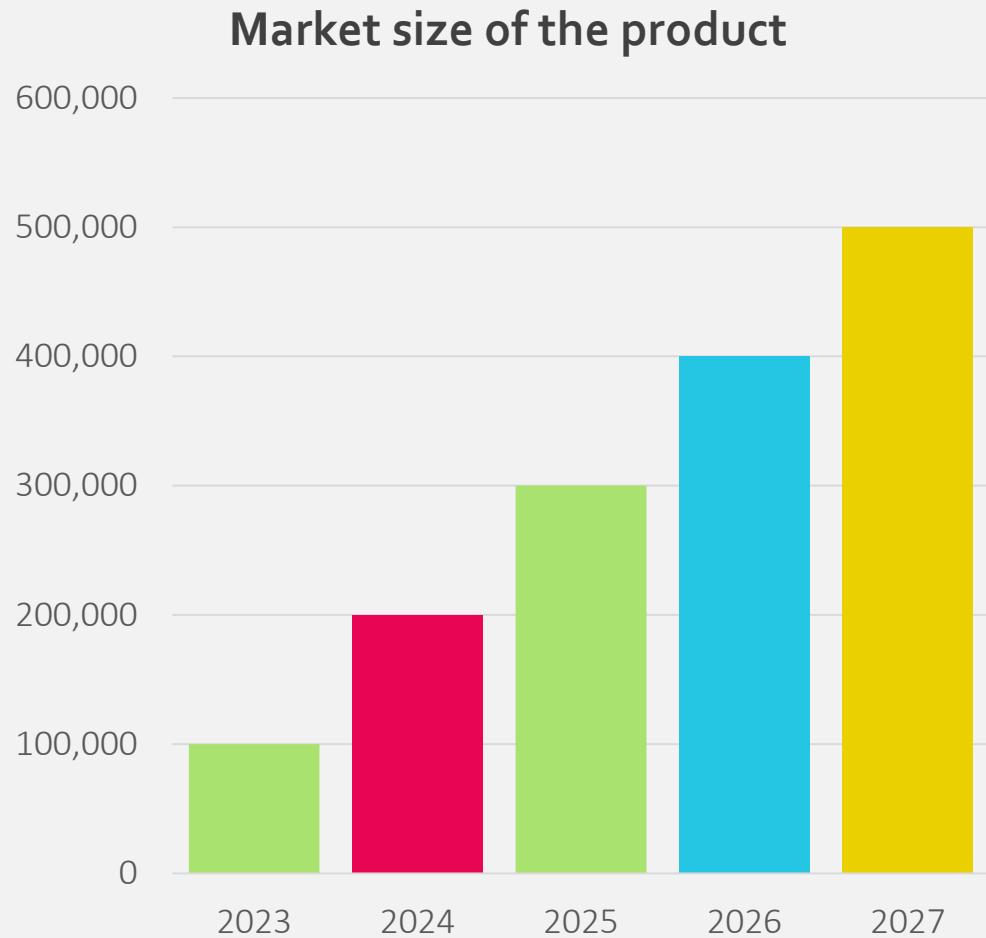


After folding the chair

Cost estimation

Item name	No of items	Price (Rs.)
Box bar (width 1")	1	1800
Welding rods	4	150
Nuts (length 3")	6	200
Nuts (length 2")	10	200
Bolts	10	50
Washers	20	100
Wooden sheet	1	500
Total cost		3000

Market size



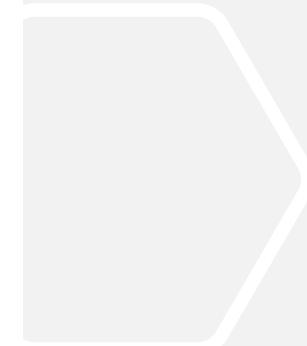
- We target all the people in our country. Therefore market size can be larger value.

IF THEY DON'T GIVE YOU A SEAT AT THE
TABLE, BRING FOLDING CHAIR

- SHIRLEY CHISHOLM-



FOLDING CHAIR



THANK YOU