



Enterprise Portfolio

Introduction

Team Name

PHOENIX reflects the power of strength and energy. A **PHOENIX** obtains a new life from the ashes of its predecessor. It symbolizes a renewal in general as well as the sun. In general, it depicts that if we fail, that will be a sign that we are going to try it again with more effort and will be successful.

Team Goal

Our goal is to make a car that can travel the track in the least time possible.

Team Motto

"Fast cars are my only vice. Don't dare to touch my car, because it has more importance than you in my life. You don't have swag but my car has it. Car racing is not my hobby it's my feeling. I only love **FAST CARS** because I don't believe slow and steady wins the race."

Association

Our team has associated with **Abhishek Files And Deep Printing Press** which belongs to our team manager's father **Mr. Deepak Behoray** for the printing of **Team dress** and other all type of printing excluding 3d printing of our car components

We had also taken help of **City Montessori School, Rajajipuram** campus as they were having 3d printer by which helped us in printing our 3d components of car, we contacted them through our school principal **Aditi Sharma ma'am** she also had permitted us to stay and work in school after the home time, provided us net access in school and bring laptop for designing.

Team Members



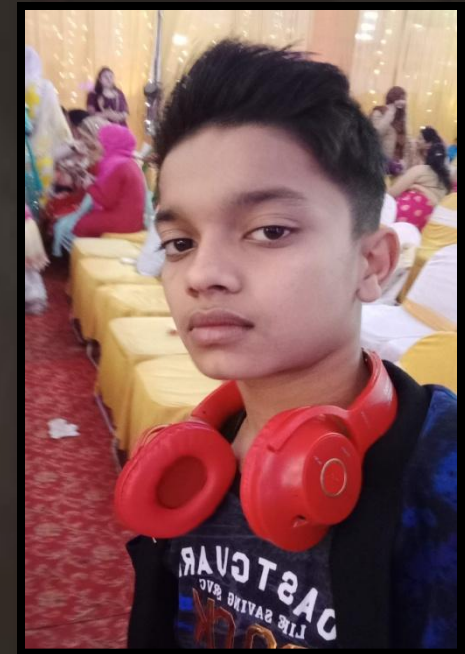
Abhishek Behoray

Team Manager: Abhishek has monitored the team and motivated everyone to do their best and was the one who was always active on the internet and gave us the information we needed. He was also helped naafey in writing of portfolios; he was the one who gives new concepts and ideas to Jafar for new designs, and he looks after all the economic as well as moral needs of his teammates.



Mohammad Ali Khan

Manufacturing Engineer: Ali was testing, machining and testing all 3d parts and other extra things that we were using for the car by checking its weight, speed, Arrow dynamite of car, the friction of bearing and wheel, etc. He checked the components and assured the proper working of every component. He also contributed a lot to writing the design portfolio.



Mirza Mohammad Jafar

Design Engineer: Jafar designed the car with a lot of hard work. He worked day and night. He also created many ingenious car designs which still need to be polished but one of them passed on all test of speed and looks. He has also designed all other car components. He had also given the theme of phoenix to our team after a lot of research on it.



Abdul Naafey Siddiqui

Graphic Designer/Resource

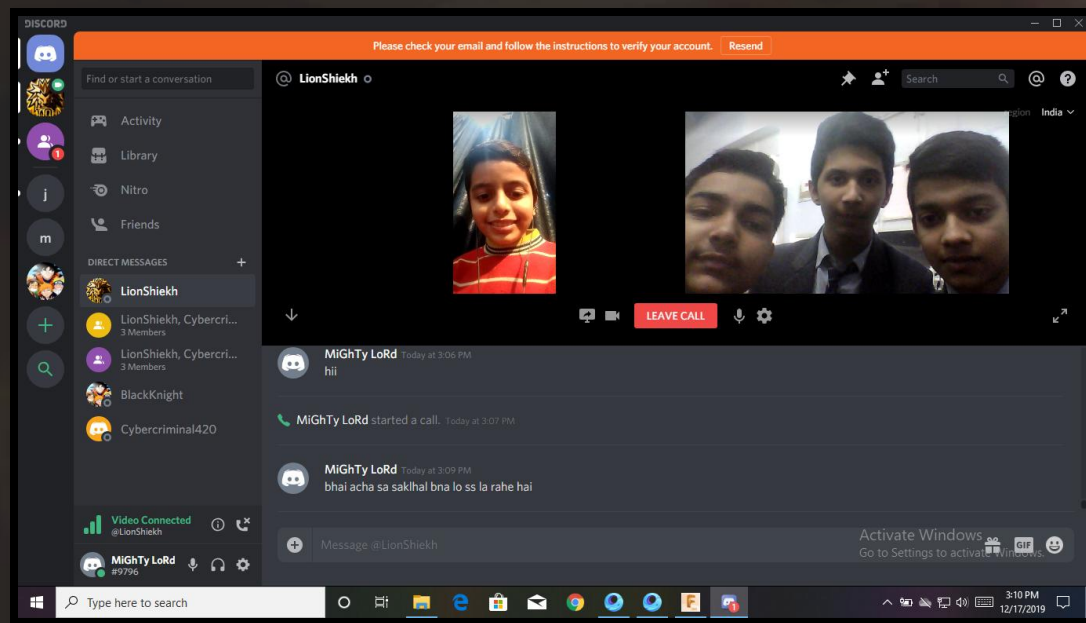
Manager: Naafey was the one to write the portfolios and help us in writing different aspects of the portfolio. As he was a newcomer, so he took a little time to understand what's happening and what he has to do but all this thing took place only for a couple of days after that he started with his work.



Ruddraksh Dwivedi

Graphic Designer/Resource Manager:

He played the main role for making as well as assembling of table display, and he was the one who was explaining Naafey about our activities that we have done for our car as he was there with us but not naafey because he is a newcomer in F1 in School Competition. In the middle of preparation for the competition he was affected by Dengue, but he has not lost his moral Strength and tried his level best to recover just for the competition.



TEAM WORK

The Team Phoenix structure has been the basis of the project. The collaboration of each team member with other team members as well as with companies and individuals outside of the team has ensured the team great success in every aspect of the project by incorporating not only the individual's knowledge but also getting professional external advice and internal inspiration from other team members. Communication of the members with each other has been a curtail aspect and the only way to get things done in our team. Making sure every member is staying motivated and fulfilling his or her role effectively is another aspect that we successfully achieved through always staying united and empowering each other to push our individual boundaries.

Evaluation

Every member of our team is as important as the wheels of the car, like if one wheel is damaged whole car stops working same. "We will win as a team, we will lose as a team"

Project Management

Project Management:

A variety of strategy was developed to manage the restrictions of communicating in different time periods. We had a limit of resources available to our team. The fact that our one member was having a brain migraine Thanks to the F1 Team we got our member replaced also helped in giving us support .Then the team started to work in a flow. Our team also had an opportunity that we can use our computer science lab from our school. It helped a lot; Thanks to our Principal and Our Incharge who allowed us. We also made a time period in which we met and discussed what we had to do.

Rundown

Our team's goal for management

#First of all we had to be united so that we can freely share our ideas and concepts related to the project without any hesitation

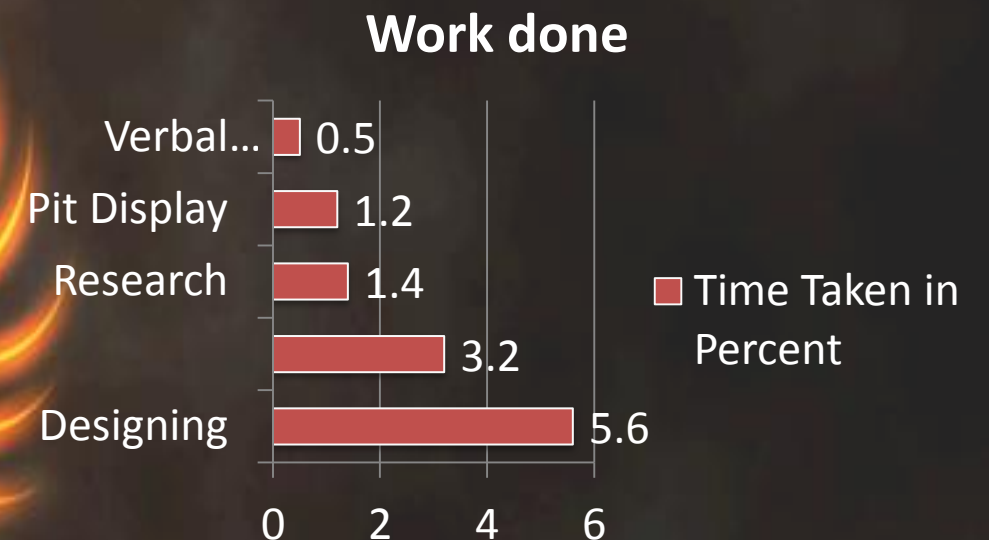
#Secondly we had to see for the budget of the team which will be the second most important thing of our project and team

#Third we had to complete all the thing in the limited time because our half yearly exam was lined up in between followed up by our school event and unit test .

#Forth we had to design a car which will be according to all the rules and regulations of the competition

	September	October	November	December
Design				
Design Portfolio				
Enterprise portfolio				
Research				
Media Management				
Others(managing resources,etc.)				

	No Work
	Least Work
	Moderate Work
	High Amount of Work
	Highest Work



Time

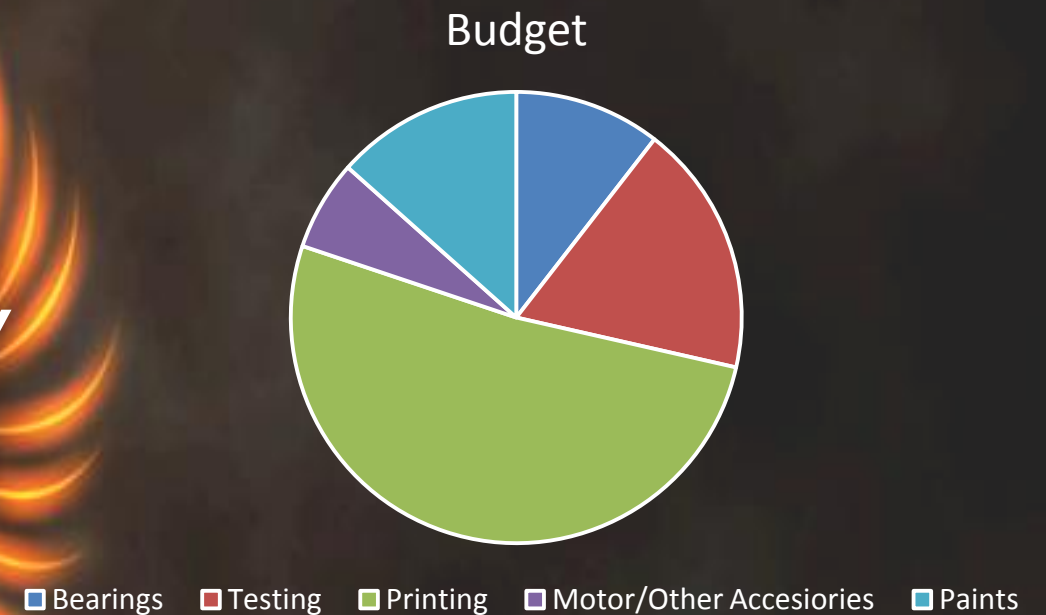
As now all my teammates have knowledge about the value of time so it was very easy for us to work on the project, we had divided our works according to our interest and speed of doing it, the one who gave us motivation to do the work with more spirit and he helped us to manage the timing of day and assigned a limit of time under which we have to complete the given work (As shown in the Chart).

Quality

Quality was an important thing because if quality is not there in the outcome the outcome is of no use. Quality of our all components and other things which is used in our project was in best quality that we could manage to have like all our 3d components of car was in hyper quality, all prints related to pit display and team identity was in hd quality and the instruments, paints, technology which we were used, All this thing we have used after doing research on them and discussing it with teammates and taking recommendation of our robotic teacher.

Budget

Our resource manager Naafey helped us financially by contribution an amount of rupees four thousand which was our total budget, we had to fulfill all our team expenses by this amount only as we were not having any sponsorship or other source of finance for our team. By this we came to know about the value of money and usage of it, we had used the amount accordingly (As shown in the chart).



Scope:

At the beginning of The campaign for the F1 in school, we all 8th Graders were called in our school basement that organized and told all about the car e.g.. Aerodynamics. We all friends decided to ask our parents if they would let us be a part of this campaign. The risks for this were very high as we didn't know much about this; we discussed our budget, roles and the responsibilities, strategies and the opportunities we will get .

CHALLENGES

One of the many challenges that we faced was dealing with a tight time schedule, which has taught us good organizations and time management skills. Paying attention to exact details like competition rules and regulations through having well-structured communication base is a necessary aspect of this competition and of a strong dedicated team We have learned that a well structured presentation and persistent approaches show the potential sponsor that you are confident, which increases the chances of convincing them. In other words we took these challenges to our advantage by learning, growing and pushing our boundaries through them.

Team Evaluation

Since forming the Team Phoenix and participating in F1 in Schools in 2019 our aim has been to push boundaries of each element of the project through our innovative approaches and scientific researches.

Overall Team Identity

Our problems for making a team identity

#First of all we had to think of a concept which perfectly suits us

#Second we had to implement it in such a way so that it may look both eye catchy and logical

#Last we had to apply it to all the things which is related to this project

Logo

Making a logo was little difficult for us as we were doing it for the first time, so for that we took some lesson on CorelDraw for making the logo. Finally we had decided the final logo in it there is a triangle which shows our never ending moral strength and the black and red phoenix symbolic our deep and logical thinking. We had put our logo on all the accessories, dress, devices that we were using for the project .



Team Uniform

For the Uniform we thought to keep it simple since sometime simplify is best, in the uniform on the front there is F₁ in school official logo on the top left corner the of F₁ in school was already there when we have got the dress and on the top right corner we have our phoenix logo in centre of the T-shirt we have our names with our roles, on the back side of the T-shirt we just have our phoenix logo.

Team Car Identity

It was an easy task for rendering and then painting it in actual because we were using spray paint for painting of car, we tried our level best for painting car with perfection use very less amount of paint as over painting will increase the overall weight of the car which may leads to decreation in speed of car. For painting we followed our concept and used black color for the base of the car and red color for front wing, back wing and wheel system.



Evaluation

We have used black and red color for our team identity as black depicts our vitality and red shows our desire for winning, we gain knowledge about CorelDraw in logo designing and Adobe when we were making the Design and Enterprise portfolio.

Marketing and Table Display

Our Goals for Marketing are

- #First we had make a marketing strategy
- #Second we have look for a promoting object
- #Third we have to do a table display which is well organized and professional last we had to do all this in our budget

Marketing

All the marketing is under out team manager and manufacturing engineer. They thought of innovative ideas that attract good companies for sponsorship in future.

Sponsor

We were not having any sponsor as it was not needed for Sub-Regional of f1 in School, but if we had we would satisfied the sponsors at any cost.

Sticker

We have made a simple design of sticker by putting our logo and team name. We have pasted it in all our belongings related to competition and had planned to exchange it with other teams and visitors in the competition.

Table Display

Our Graphic designer and resource manager Ruddraksh Dwivedi had made the plans and prepared necessary thing like lights, lazy susen (rotating disk which is working with the help of dc motor And it lazy susan is used for display car)and etc. Ruddraksh had designed a flex for the display which is showing information about out car and team members

Evolution

For Marketing we had not done much as compared to other thing of the project and for Table display we tried to make it with best usage of technology and multimedia