

# **OOP Assignment-1**



**SUBMITTED BY: Awais Saddiqui (21PWCSE1993)**

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**SECTION: "A"**

**SUMMITTED TO: Sir Nasru Minallah**

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY PESHAWAR**

**COMPUTER SYSTEM ENGINEERING**

# NIB Assignment

**Title \* Mr**

**Your Name \* Awais Saddiqui**

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**Cell Number \* 03439856501**

**Your Team Lead Name \* Aimal Khan**

**Select Sector \* Automotive and Transport**

**Brief your problem statement \***

Parking slots are always a problem. Generally, they are too small and there is no space available to park in. Nowadays, traffic has gotten increasingly worse. It is hard to find a parking slot that is big enough.

**What is your idea to solve this problem? \***

We can help find a parking space near with designing an app. You will get a notification when a new parking space becomes available and then you just have to book it!

**How is your idea completely novel or examples of similar ideas or devices**

Similar to this idea is available on foreign countries but we should implement it in Pakistan.

Please provide enough evidence that your idea is completely novel or examples of similar ideas/devices. If your idea is novel, please describe what you did to find out about other similar ideas.

**Define the problem statement. Un-met need or pain points? \***

Parking slots are always a problem. Generally, they are too small and there is no space available to park in. Nowadays, traffic has gotten increasingly worse. It is hard to find a parking slot that is big enough.

Be quantitative, simple & high level. The answer's maximum score is 05.

**What is your market size? \***

Parking spot is the most common issue that creates barriers to urban renewal and drive out of place. The parking slots are encroachment in the infrastructure. This issue demands a fast solution before the new generation faces this problem of parking slots as well as other possibilities.

Need assessment of addressable markets, be quantitative but simple & high-level. The answer's maximum score is 05.

**Your idea maturity level? \* MVP Ready**

The answer's maximum score is 15.

**Define competitive landscape. \***

The competitive landscape of parking spaces has changed significantly. It's now more complex and harder to navigate, especially the pricing models. It is important for your business to optimize your parking options and be a part of a larger ecosystem that works towards improving the overall experience of your customers.

Name at least 3 competitors with their weakness & strength, how do you discriminate from competitors. The answer's maximum score is 05.

**In addition to the team lead, how many key team members do you have?**

**Team member 1 full name \*** Awais Saddiqui

**Team member 1 Phone \*** 03439856501

**Team member 1 role \*** Challenger

**Team member 1 CNIC number \*** 1610282821439

**Team member 1 Email \*** 21pwcse1993@uetpeshawar.edu.pk

**Team member 1 LinkedIn profile link \*** <https://www.linkedin.com/in/awais-saddiqui-69b80020a/>

**Team member 2 full name \*** Aimal Khan

**Team member 2 Phone \*** 03423484858

**Team member 2 role \*** Leader

**Team member 2 CNIC number \*** 1560204074879

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**What is your marketing plan or Go-to market strategy? \***

The go-to market strategy is market penetration. The parking slot is seen as a necessity in our lives, it is unmissable and very important in daily activities. The parking slot is invaluable for people in daily lives. It is a must do thing every day, and it is very important as well.

The answer's maximum score is 10.

**How do you monetize your idea? Define business plan \***

Our mission is to make parking more efficient in our cities. We have identified a market and found people who can help us. We need to put together an action plan for this issue so we can get this product on the market.

The answer's maximum score is 10.

**What is your high-level financial plan? preferably showing 3-5 year projections with break-even and profitability points. Also show financial scalability.**

We need to convince the bank that parking slots are a good investment and will provide reliable cash flows in the long-term.

The answer's maximum score is 10.

**Identify key risks and opportunities that may impact the business plan \***

This is one of the biggest issues that comes to my mind when I think about how to solve it. You can't just take all your data and build different models for different use cases, because then you can run into a situation where you're not sure what kind of data is needed. And if you don't have a dedicated data scientist, then you risk getting bad or random output from the model

The answer's maximum score is 05.

**What help do you want? \* Funds**

The answer's maximum score is 10.

**Your LinkedIn Profile URL \*** <https://www.linkedin.com/in/awais-saddiqui-69b80020a/>

If you don't have a LinkedIn profile, please create one and share it here.

**Tell us more about your team \***

We are students studying computer system engineering and we have initiative to design new products and trying to solve the problems in real world. We work hard to build the project that fits our needs. Our team is guaranteed to provide product with quality and reliability.

**Confirmation \***

Name1.

signature.

Name2.

Signature.

I have read the application carefully and all the info provided is correct and I will be responsible for any incorrect information. I understand that I may be disqualified for providing false information or for omitting pertinent information. I also confirm that am not submitting any confidential information with my application. I also confirm that this idea was developed by me and my team and I have not copied this idea from elsewhere. I also confirm that I understand that the National Idea Bank is an independent body and it makes all the decisions without any political influence and without any influence from the partnering institutions. By checking this box, I give permission to the National Idea Bank team to share this details with the judges. I also agree that the decision by the National Idea Bank team will be final.