



APPLE DEVELOPERS GROUP

# HACKGRID

2019

# Startup Frenzy

It's simple, really. Like starting-a-startup simple.

Design a technological solution that enables Small and Medium businesses to grow,  
and also track/predict their growth.

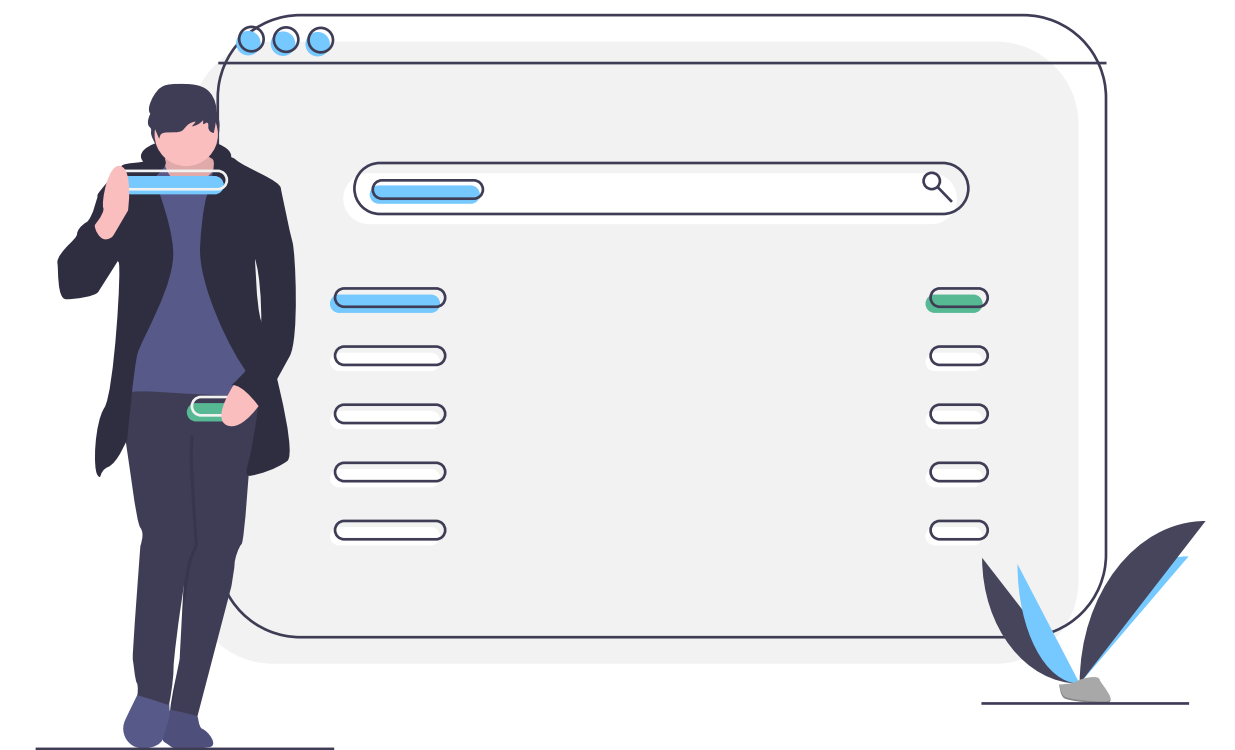


# .com this

We would like to help our customers with better recommendations for domain names.

Develop a system to advise and display available domains for business, i.e. Domain Recommendation System for the non-tech bois.

*Hint: Take the business type into consideration.*



# Education



Uninteresting methods of teaching in public institutions cause young students to be easily bored which leads to a decrease in participation of children in schools, especially boys (46% boys and 53% girls of the population eager to study) What is the solution, in your opinion, of uninteresting teaching methods in public schools?

Hint: creatively design a digital education system.

# Defence

Create an application for the military troops that helps them in secure communication, enables them to share their location securely, share intelligence, manage operations and facilitate them to coordinate with the Air force and Navy. Detecting projectiles expected trajectory to counter it or destroy it.





# Employability

Higher education institutions do not ensure job opportunities or a job for their prospective graduate students, which lead to a greater amount of the working population unemployed. What can be done to overcome this? Hint: design a data-driven measurable system for the career development department of the institution.



# Fintech

Digital wallets are systems for on the go and easy payments. The data of the user like their password, their card details are vulnerable. Create an app that uses Blockchain technology to secure these details, validate the transaction securely and provide a seamless interface for the users.



# Governance



## Crowd-sourced election monitoring system

Build an app that can support any types of elections in your neighbourhood during the election day. Allow citizens to report any incidents, upload photos/videos, set severity and actionable attributes along with the GPS data which will allow you to prepare a report on the election afterwards. If you can present it as a valuable tool for transparency, you may get a good amount of exposure, however, the challenges lies in the sustainable part of it. How are you going to monetize such a tool?



# Governance



## Propose a better digital traffic system

Dhaka streets being completely devoid of traffic signals and traffic monitoring tools leads to an increase in traffic which thereby contribute to further air pollution. How would you use technology to resolve this alarming issue of unruly traffic in Dhaka city? How would you make the drivers respect your proposed system?

# Women Safety



Sexual harassment is a major issue and due to social oppression and fear of retaliation the reported number is far less than the real number. Create a solution where victims can safely report the crimes committed against them ensuring their personal safety.

# Make way for ambulances

The use of ambulances is not only abused, but those in dire need of it are not able to access it, thereby putting the unhealthy in a major risk of death, for example, the road has no policy in paving way for ambulances, what might be the solution? Hint: open to your creativity.

