



EAST WEST UNIVERSITY

### Assignment

Course Name: IT Project Management and Entrepreneurship

Course Code: CSE495

### Student Information

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Id: 2019-1-60-224

Section: 1

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Submitted To:

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# Project Charter

**Project Title:** 5G Internet All Over Aftab Nagar

<b>Project Sponsor:</b> Ministry of Technology, Bangladesh	<b>Project Manager:</b> Aahad-ul Islam Fardin
<b>Date Created:</b> 17/02/2023	<b>Date Approved:</b> 20/07/2023

## Scope

The project scope is to deploy 5G internet connectivity throughout Aftab Nagar, enhancing the digital infrastructure and providing faster, more reliable, and high-bandwidth internet services to residents and businesses. Especially, the students at East West University and Dhaka Imperial College will be highly benefited.

## Purpose/Objective:

The primary objective of this ambitious project is to bring in a new era of digital connectivity and progress by deploying 5G internet throughout Aftab Nagar. Our goal is to build an advanced communications infrastructure that will revolutionize how people and companies access the internet. Our main missions are Enhancing the internet connectivity, Empowering technology advancement in the mentioned university and college etc.

## Business Case

The implementation of 5G internet in Aftab Nagar serves as a compelling business case due to the following reasons:

**Improving Connectivity:** The connectivity among the people of this area will be more fluent, which will provide flexible experience to their work and the time will be saved enormously.

**Promoting Education:** It will encourage other students to get admitted into those institutes because they are very sincere about not wasting time.

**Environmental Impact:** We are planning to connect via satellite connection which will reduce the amount of wire in the road. It will greatly enhance the beauty of the environment of Aftab Nagar.

**Government Support:** As a sponsored project, it showcases the government's commitment to public safety and welfare.

## Goals

1. achieve comprehensive 5G internet coverage throughout Aftab Nagar by strategically installing 5G infrastructure.
2. Enhance the digital experience of users in Aftab Nagar by providing internet speeds and responsiveness that exceed current standards.
3. Encourage technological advancement in Aftab Nagar by deploying 5G.

## Timeline

- 12-08-2023 – Draft blueprint submit
- 22-08-2023 – Measuring the lands to use for this project
- 05-09-2023 – Blueprint Finalization
- 15-09-2023 - Work in Progress
- 10-10-2023 - Visit the works by the technology minister
- 10-11-2023 - Beta testing
- 01-12-2023 - Inauguration by the Prime Minister of Bangladesh.

## Budget/Cost

It will take 1,00,00000/= (One Crore Taka) to set up the 5G internet via Satellite connection. This cost includes all the antennas, routers, wires and cables and other necessary costs.

## Resource Needed

Deploying 5G internet connectivity in Aftab Nagar requires a well-coordinated effort, supported by a range of critical resources. At the core of this ambitious undertaking lies the need for cutting-edge 5G infrastructure and equipment. High-quality 5G antennas, base stations, and network hardware are essential components for establishing a robust and reliable 5G network that can cover the entire region effectively.

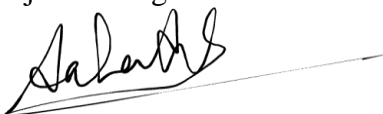
## Risks

1. With the increasing reliance on advanced technology, the 5G network may become a target for cyberattacks. Robust cybersecurity measures, including encryption, network monitoring etc.
2. The installation and maintenance of 5G infrastructure may have environmental implications.
3. One of the primary concerns surrounding 5G is potential health risks associated with increased exposure to radiofrequency radiation.

## Legal Considerations

- Regulatory Compliance
- Environmental Impact Assessment.
- Contractual Agreements.
- Liability and Insurance.
- Government Approvals.

Project Manager



Project Sponsor



