TIGER PARK

About Tiger Park Limited

Tiger Park Limited was established under the company law in Bangladesh in 2013.Tiger Park Limited is a software development and consulting company mostly focusing on workflow, automation, data and cloud. We help customers in business growth by minimizing operational cost through adapting automated workflow.

Mission

We focus on optimizing workflow through computing hardware and software. We help our customers to automate their business process by using customized software. We not only develop software for customers but also help them achieve an efficient workflow to minimize operational cost.

Product and Services

1. Gas/Fuel Station Automation
2. Bidding Software for LNG Spot Purchase
3. MyTeletalk – consumer app for Teletalk customers
4. TelePay – retailer app for Teletalk customers.
5. Complete Automation System for Bangladesh Nursing and Midwifery Council
6. Fish buying and selling platform for Department of Fisheries
7. Project Tracking and Management software for Countrywide Safe Water Supply project in Department of Public Health and Engineering.
8. Contract Management System for Department of Public Health and Engineering
9. Warehouse access and log management system
10. School Management System- BKSP
11. Club Management System- BUET

Customers

1. Prime Minister's Office, Bangladesh Government
2. Rupantarita Prakritik Gas Company Limited, Bangladesh Government
3. Teletalk Bangladesh Limited
4. Department of Public Health and Engineering, Bangladesh Government
5. Dhaka WASA
6. Department of Fisheries, Bangladesh Government
7. Bangladesh Nursing and Midwifery Council, Bangladesh Government
8. BUET Graduates Club Limited
9. Non-Government Teachers Registration and Certification Authority, Bangladesh Government
10. Ministry of Disaster Management and Relief, Bangladesh Government

Md. Momenul Islam
Managing Director
Tiger Park Limited

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11. Copyright office Bangladesh
12. Institute of Engineers, Bangladesh
13. ALM Steel Building Technology Ltd.
14. BKSP & Bangladesh Krira Odidoptor

Projects Detail:

1. Prime Minister Fellowship Management System

Customer
Government Innovation Unit, Prime Minister's office Bangladesh

Summary
Innovation in governance encourages many new forms of citizen engagement, transparency and accountability. It is a relatively new concept for the public sector in Bangladesh. The GIU was formed to help public servants understand the transformations in service delivery possible through innovation.
At its core, innovation means working smarter. It also means being inclusive by using successes and lessons learned from other countries, ministries and non-government organizations to multiply results for citizens. Finally, innovation means cutting red tape and learning to manage risks, through pilots and models. Many public sector employees have ideas for creating value for the citizens they serve; the GIU serves as a catalyst to encourage their ideas and good work.
Recent globalization and its enormous technological advancements have paved the way for remarkable changes in the socio-economic, political, cultural and organizational milieu of Bangladesh. It has made new modes of life possible and more conveniently accessible to all.
Consequently, citizen expectations from public servants have increased; as have their expectations for the quality and timeliness of services delivered by the government. In 2012, the Government of Bangladesh established the Governance Innovation Unit in the Prime Minister's Office and tasked it with re-inventing the public sector to encourage Putting Citizens First by improving citizen satisfaction with services.

Components
Web Portal

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, uWSGI, Nginx

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2. MyTeletalk - Customer Mobile Application for Teletalk

Customer

Teletalk Bangladesh Limited

Summary

Teletalk- the only state-owned mobile network operator of Bangladesh is introducing the MyTeletalk App. The subscribers will get an amazing experience with MyTeletalk App not only because it's feature of mobile recharge and purchasing internet bundle offers like operator's app mostly do, but also because of the value-added service payments- such as admission fees, recruitment fees alongside the utility bill payments.
Android users will just require downloading a light app from the Google Play store and installing the app to get access to important information about mobile usage at the users' fingertips. They will find out their balance details and get exciting telecharge offers, compare packages and choose the best customized tailor made offers for them in a blink of an eye. MyTeletalk will be more than an app, which will change the experience of using a mobile operators' app. Let's take a look at some of the wonderful features MyTeletalk will present to its subscribers.

Balance Details

Subscribers can check every package detail and Talk-Time & Internet balance SMS, MMS & all other balance details very easily and instantly.

Latest Offer

Get notified about all our latest offers right from MyTeletalk, and buy them in just a few easy steps.

Telecharge Balance Transfer

Subscribers of Teletalk can help each other by sharing balance from one account to another safely.

Recruitment Fees Payment

Job seeking subscribers can pay all the government and non-government recruitment application fees including BCS Examination fees, using their MyTeletalk App. This feature is a unique one for MyTeletalk.

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Admission Fees Payment

Student- subscribers can pay the admission test fees of all public universities and again this will not be possible by other operators' apps as the majority of the admission applications are being conducted by Teletalk VAS.

Utility Bill Payment

All the utility bills including REB Bills can be paid with the MyTeletalk App instantly.

Features at a glance

Recharge & Bill pay
Offers details
Latest campaign and offers update
Buy packs & Offers
To make your own bundle
College Admission, Jobs, Recruitment, Results, Re-Scrutiny, etc.
Tariff Plan
Internet Packages
VAS Services
Teletalk Support

Components

Android and iOS Mobile Application, Web Portal

Current Status: Live
Technology Used

3. TelePay - Dealer and Retailer Mobile Application for Teletalk

Customer

Teletalk Bangladesh Limited

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Summary

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This App is for only the Dealer and Retailers of Teletalk. You can do the following with this app:

1. Retailers can recharge to customer accounts.
2. Dealers can transfer load to SRs.
3. SRs can transfer load to Retailers.
4. Retailers can pay REB Bills.

Components

Android Mobile Application, Web Portal

Current Status: Live

Technology Used

4. BNMC - Bangladesh Nursing and Midwifery Council Management System

Customer

Bangladesh Nursing and Midwifery Council

Summary
Student and office management system for Bangladesh Nursing and Midwifery Council

Components
Web Portal

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, uWSGI, Nginx

5. LNG Bidding System

Customer
Rupantarita Prakritik Gas Company Limited

Summary
Online bidding system for purchasing LNG from the spot market.

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Components
Web Portal

Current Status: Live
Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, RabbitMQ, Celery, uWSGI, Nginx,

6. Fish Market - Online Buying and Selling Platform for Fish Farmers and Traders

Customer
National Agricultural Technology Program-2, Department of Fisheries

Summary
Buying and selling platform for fish farmers, customers, fish wholesalers and retailers.

Components
Android Mobile Application, Web Portal

Current Status: Live

Technology Used
Python, Django, REST API, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, uWSGI, Nginx

7. Audit Objection Management System

Customer
Bangladesh disaster ministry

Summary
Audit objection management and database system.

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, ChartJS, uWSGI, Nginx

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8. CMS - Contract Management System

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Customer
Department of Public Health Engineering

Summary
This Contract management software is a program or series of related programs for storing and managing legal agreements such as contracts with vendors, leases and licensing agreements. An important purpose of this contract management software is to streamline administrative tasks and reduce overhead by providing a single, unified view of each contract's processes for DPHE. The software was developed, customized, hosted and maintained by Tiger Park Limited

Components
Android Mobile Application, Web Portal

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, ChartJS, uWSGI, Nginx

9. Copyright Management System

Customer
Copyright Office, Bangladesh

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, Daphne, Nginx

10. Visitor Log Management System

Customer
Dhaka Water Supply and Sewerage Authority (Dhaka WASA)

Summary
A visitor log system for maintaining log for visitors and vehicles at the entry and exit time. We have focused on capturing visitor data which includes face image, finger print, phone

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number, address and other personal information suggested by WASA. The system will have interfaces with multiple devices to capture visitor and vehicle data. The visitor will go through the same process when he exits the store premises. Vehicle data will be captured through RFID reader and instant photo. Trucks containing goods will be able to register delivery orders along with RFID tag ID and car front images at entry and exit points. The system will be OCR (Optical Character Reader) compliant to read visitor business cards. The system will have a QR code facility to identify visitors, their personal information and time duration of their presence in the store premises.

The system will be accessible over the internet through web browser and android mobile application. The system will have customized reports and a report delivery system through email. There will be mobile short message alert systems in critical situations, for example, any visitor staying outside working hours, hardware systems in the entrance are disconnected etc.

Server-side application
The server-side application will be a data centric application to handle a huge amount of data. Data searching and reporting on big data will be a focus while developing the application. The application will be hosted in a public server accessible from anywhere within a secured environment with SSL certificate.

Some of the key features of the server-side application are

1. Authentication and authorization
2. Optical Character Reading
3. Fingerprint Scanner
4. QR Code generation and reading
5. Interfacing with multi-feature kiosk
6. Interfacing with RFID reader
7. Synchronization with client-side database
8. Responsive web interface compatible with all popular browsers
9. Printable PDF report
10. Email server integration for report sending
11. SMS Server integration for automated alert messaging

Here is the description of the features discussed above

1. Authentication and authorization
   The system will be password protected. A user needs to login to the system with his username and password. The user will get only the features allowed for him to use. Some of the user groups might be: Administrator, Manager, Store keeper. Administrators can create user groups and user permissions. While creating a

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2. new user, admin can assign users a group and their corresponding permission to use the features.
3. Optical Character Reader (OCR)
   Visitors' business cards will be scanned through kiosks installed in the reception/entrance. System will read the card information and pre-set the data in the visitor data entry form.
4. Fingerprint Scanner
   System will be able to scan visitors' finger print and store it in the database for future identification.
5. QR Code Generation and Reading
   System will be able to generate QR code for each visitor after registering his visit into the database. The QR code will help to detect the user's entry time and some detailed information.
6. Interfacing with multi-purpose kiosk
   The application will have an interface with the multi-purpose kiosk – scanner, fingerprint reader, keyboard, thermal printer and photo camera.
7. Interfacing with RFID reader
   The system will receive data from an RFID reader. RFID readers will be used for identifying visitor's car and delivery truck information.
8. Synchronization with the client-side data
   The kiosk will be capable of running as standalone mode which will have its independent database. The server-side database will be synchronized instantly with the kiosk database.

1. Responsive web interface compatible with all popular browsers
The web interface for accessing the server will be responsive and compatible to all popular browsers.

1. Printable PDF report
There will customize report available as per request of WASA

1. Email server integration
System will send daily reports to the authorized persons automatically.

1. SMS server integration
System will send various alert messages, for example, visitors staying beyond office hours, kiosks are disconnected etc to the authorized persons mobile phones.

Android Mobile Application
An Android Mobile application will help logged in users to do some basic activities. The following features will be available in the android application:

1. User login
2. QR Code Scanner
3. Receiving Alert Notification

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Kiosk/Client-side Application
A client-side application will be running at the kiosk to collect data, images and fingerprints. The client-side application will have its own database to preserve data. Server will be synchronized instantly with the client database. In case of any interruption between kiosk and sever, kiosk will be able to store data locally, once get reconnected the data will be synchronized with the server.

1. Local database
   There will be a local database at the client side capable of getting synchronized with the server.
2. Client
   There will be a client application at the kiosk with an easy to use interface.

RFID Reader and Car Scanner
The client application will be connected with an RFID reader to read the tags attached to the windshields of the vehicles. The vehicle tags are attached by BRTA during registration of the cars.

Along with the RFID reader, the client application will take a picture of the car and store the image into the database.

Kiosk (client) and server synchronization

All data will be primarily stored in the kiosk. Data stored in the kiosk will be synched with the server instantly after a new record entry.

Printing
After successful entry of a visitor, a printout will come with a QR code containing the visitor's identity.

QR Code Scanning
Any WASA authorized person will be able to read the QR code printed on the ticket carried by the visitor. While exiting the QR code will help the visitor to logout from the store premises.

Vehicle logout
Vehicle will log out in the same way as the visitor. Trucks carrying goods will be able to register the delivery order in the system.

System – Step by Step
The following steps will come one after another in the proposed system

1. Visitor arrives in the reception
2. Visitor gives his business card to the reception attendant
3. Attendant scans the card in the kiosk, the visitor entry form gets automatically filled up with the information available in the business card

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4. Attendant makes necessary changes in the visitor information
5. Visitor scans his finger print
6. Attendant saves the information
7. Automatic print out comes from the kiosk
8. Attendant attach the print out with the visitor's badge
9. Any authorized person can check the visitor's information through the mobile application

Components
Android Mobile Application, Kiosk, Web Portal

Current Status: Live

Technology Used
Python, Django, REST API, C#, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, uWSGI, Nginx

11.BKSP Talent Hunt Management System

Customer
Bangladesh Krira Shikkha Protishtan

Summary

School management software offers comprehensive software tools and features to streamline and manage an educational organization such as a school. Here are the core functions of a school management system:
Student admission/enrolment process management
Human resource management
Examination and assessment management
Financial management to include budget planning, payroll, and fee management
Schedule accommodation

Components
Android Mobile Application, Web Portal

Current Status: Live
Technology Used
Python, Django, REST API, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, ChartJS, uWSGI, Nginx

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12. Grameen Pani- Project Tracking and Management Software for Countrywide Safe Water Supply project in Department of Public Health and Engineering.

Customer
Department of Public Health Engineering

Summary
Grameen Pani is a mapping software, wherein you can prepare the groundwater potential maps or any other output using this *software* by assigning *information for* safe water supply project. The software was developed, customized, hosted and maintained by Tiger Park Limited

Components
Android Mobile Application, Web Portal

Current Status: Live

Technology Used
Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, ChartJS, uWSGI, Nginx

Our Technical Strength

1. **Server Side (Backend)**
   Python, Django
2. **Cloud Architecture**
   AWS
3. **Database**
   MySQL, PostgreSQL
4. **Client Side (Frontend)**
   WPF, C#, HTML, CSS, Bootstrap, JavaScript, AJAX, JQuery
5. **Mobile Application**
   Kotlin, Java, Flutter
6. **Web Server**
   Nginx, Apache
7. **Server Gateway Interface**
   uWSGI, Gunicorn, Daphne

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Our Specialty

Microservice Architecture,
Distributed server architecture,
Handling high traffic,
Data analysis and reporting
Mobile App
Cloud
Integrations
Workflow

8. Financial information

If the main audience for the company profile is investors, you can also include a section in the profile for the company's financial information, including the following:

- **Financial targets:** Including the company's goals in the profile can show investors the company's executives and management are motivated to boost revenue.
- **Strategies:** In addition to financial goals, a company profile can also show companies' plans for achieving those goals.
- **Past performance:** Companies can also include their past performance in their profiles to demonstrate the company's track record.

Team of Tiger Park Ltd.

- **Managing Director**
  - Md. Momenul Islam
    BSc in Engineering, BUET
- **Manager**
  - Marium Sultana
    MBA
    Expertise: Management & Sales
    Years of Experience: Eight
- **Accounts**
  - Md Sahin Mia
    MBA, BRAC University
    Expertise: Accounts
    Years of Experience: Four

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- **Technical Team Head**
  - Zubayer Beg
    BSc in Engineering, Malaysia
    Master's in Cyber Security
    Expertise: Programming Language: Python, JavaScript
    Framework: Django, Flask, Django REST Framework, OpenCV
    Tools: Docker, Git, GitHub, Bitbucket, AWS
    Database: PostgreSQL, MySQL
    Operating System: Linux, Windows
    Years of Experience: Twelve

- **Assistant Technical Team Head**
  - Md Sajib
    BSc in Engineering, Daffodil University
    Expertise:
    Programming Language: Python, JavaScript
    Framework: Django, Flask, Django REST Framework, OpenCV
    Tools: Docker, Git, GitHub, Bitbucket, AWS
    Database: PostgreSQL, MySQL
    Operating System: Linux, Windows
    Years of Experience: Nine
  - Md Rajib
    BSc in Engineering, BRAC University
    Expertise: Programming Language: Python, JavaScript
    Framework: Django, Flask, Django REST Framework, OpenCV
    Tools: Docker, Git, GitHub, Bitbucket, AWS
    Database: PostgreSQL, MySQL
    Operating System: Linux, Windows
    Years of Experience: Nine

- **Technical team Members**
  - Mr Sahariar Hossain
    BSc in Engineering, Daffodil University
    Expertise: Programming Language: Python, JavaScript
    Framework: Django, Flask, Django REST Framework, OpenCV
    Tools: Docker, Git, GitHub, Bitbucket, AWS
    Database: PostgreSQL, MySQL
    Operating System: Linux, Windows
    Years of Experience: Seven

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- Md.Rayhan Khan
  BSc in Engineering, Daffodil University
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Four

- Dipto Kundo
  BSc in Engineering, BUBT
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Six

- Hafsa Kazi
  BSc in Engineering, Ahsanullah University
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Two

- Md. Fazley Lohany Khan
  BSc in Engineering, BRAC
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Year of Experience: Seven

- Md. Atik Faysal
  BSc in Engineering, Ahsanullah University
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Three

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  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Three

- Md. Riajul Karim
  BSc in Engineering, Ahsanullah University
  Expertise: Programming Language: Python, JavaScript
  Framework: Django, Flask, Django REST Framework, OpenCV
  Tools: Docker, Git, GitHub, Bitbucket, AWS
  Database: PostgreSQL, MySQL
  Operating System: Linux, Windows
  Years of Experience: Seven

- **Customer Care & Sales**

  - Jannatul Ferdous
    MBA, BRAC University
    Expertise: Marketing & After Sales Service
    Years of Experience: Four

  - Md. Meherab Hossain
    BSc in Engineering, Ahsanullah University
    Expertise: Programming Language: Python, JavaScript
    Framework: Django, Flask, Django REST Framework, OpenCV
    Tools: Docker, Git, GitHub, Bitbucket, AWS
    Database: PostgreSQL, MySQL
    Operating System: Linux, Windows
    Years of Experience: Three

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