



## Bangladesh Prisoner Database Management System (PDMS)

Location of Assignment	Dhaka, Gazipur, and Kashimpur, Bangladesh
Client	UNDP, UNODC
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Contract Value	BDT 13,992,000.00
Period of Activity	November 2018 to July 2019
Status	Completed
Nature of Work	<p>Project scope included design, development, implementation, and management of a Prisoner Database Management System (PDMS) for Bangladesh Prison Directorate to automate the prison operations and to create a digital information repository with the biometric and demographic information of all the prisoners. The Enrollment module for the prisoners was developed as a separate unified graphical user interface that facilitated the capture of Iris, Face, and Fingerprints, which would allow the system to identify and verify prisoners using any of the available biometric profile i.e. either through face matching, or iris matching, or fingerprint matching. The comprehensive web-based dashboard of the system allowed the users to view the overview and necessary data based on their role in the system at a glance. Among other information stored in the system database, number of persons held in custody, their classification, along with their health and rehabilitative needs provide with important data for prison managers that they can use and analyze to identify resources requirements, set budgets, manage health and safety, and develop appropriate rehabilitative and treatment programs, which is the most important goal of prison system and one of the prime objectives of UNODC. At headquarters of Bangladesh Jail, the consolidation of data of all prisoners is a critical policy-making tool in order to identify trends and address problematic areas, such as the number of prisoners awaiting trial or the special needs of particularly vulnerable prisoners. The project scope also included preparation of various documents such as Inception Report, Change Control Report, Progress Report, SRS, SDD, User Manuals and Training Manuals etc. along with online help repository and API documentation. A comprehensive training for different levels of users have also been conducted once the project passed the UAT phase and was finally approved by UNODC and Bangladesh Jail to be deployed to production.</p>
Total Man-Month	134