BLOOD BANK MANAGEMENT SYSTEM

DESIGN DOCUMENT

VERSION 1.0
DATE: 26/04/2019

GROUP NO-19

NAME	ROLL NO
KUMAR SHUBHAM	127
PRERANA CHAKRABORTY	122
NILADRI PAUL	123
KAZI NAZMUL HAQUE	124
KUNAL KUMAR	125
SUBHANKAR SAHA	126
AMITABH SUMAN	121

Class Diagram:-

Class Diagram

Donor load
- don. reg. id
- don. name
- gender
- date of birth
- weight
- address
- contact
- donated date
- medical status
- password
- height

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Lab test load
- donor id
- VDRL test
- Hepatitis B
- Hepatitis C
- HIV
- Malaria
- Blood Grouping
- Haemoglobin

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Stock load
- donor id
- date of donate
- blood group
- amount of blood
- blood reports

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Issued load
- p. name
- age
- gender
- address
- status
- blood transfer details
- medical status

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Blood maintainance
- don. id
- patient id
- blood group
- blood test report
- blood status

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

admin main
- con : sql connection
- cmd : sql command
- dr : data reader
- auto nu : string
+ db : connection ( ) ( )

Donor registration
- don. reg. id
- don. name
- gender
- date of birth
- weight
- address
- contact
- medical status
- password
- height

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Health check
- donor id
- blood pressure
- weight
- height
- alcohol
- alcoholic test
- period of time
- medical background

+ bt submit – click ( ) ( )
+ bt update – click ( ) ( )
+ bt delete – click ( ) ( )

Donation
- donor id
- date of donation
- times of donation