



DLB/PRO/673
04.11. 2025

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Dear sir,

**Invitation of Quotations for Obtaining of Professional
System Audit verification report to the Proposed Digital Lottery System**

The Development lotteries Board (DLB), which comes under the purview of the Ministry of Finance, incorporated under the parliamentary act of Development Lotteries Board act no 20 of 1997. It contributes immensely to the economic development, mainly through Education, health, Culture, Sports, Religious sectors via Presidents fund & Mahapola Higher Education Trust Fund.

02. DLB currently manage and operates eight brands of lotteries to fulfill the obligation of raising and generating funds to the above development and social development tasks.

03. Now we are going to expand our business introducing a Digital lottery to the market, herewith attached the detailed report including scope of the proposed digital lottery process.(Annex- 1) We expect to get independent professional system audit verification report including algorithm and digital draw software auditing, certifications, recommendation for security, integrity, authenticity for the proposed system. Proposed contract period is 14 days from the letter of award.

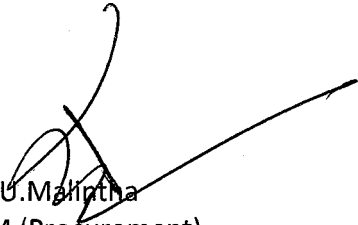
04. Please do not hesitate to contact Asst General Manager (I T) Mr. Madura Harshana (0771-054871,0114-824824) for more information and any clarifications in this regard.

05. Prebibi meeting is scheduled as at 2.00pm meeting on 13.11.2025 via zoom. you are requested to send your WhatsApp number to above mobile number for meeting coordination.

06. Payments will be made within 30 days after completion the project.

07. Bid shall be delivered with marked as top hand corner of the envelop "Invitation of Quotation for Obtaining of Professional System Audit verification report to the Proposed Digital Lottery System "to reached to the Chairman Development Lottery board No 356 Dr Colvin R de silva Mawatha, Union place, Colombo 02 not later than **2.30 pm** on **21.11.2025** and no bids accepted thereafter.

08. Bids should be forwarded by hand in the box provided in the Procurement Division of the Development Lottery board No 356 Dr Colvin R de silva Mawatha, Union place, Colombo 02 on or before at **2.30 pm** on **21.11.2025**, Bids will be closed at **2.30pm** on **21.11.2025** and bids will be opened soon after closing time in the presence of bidders representatives.



P.D.U. Malintha
AGM (Procurement)
Development Lottery Board,



New Digital Draw Application

Development Lotteries Board
Scope Document

Development Lotteries Board,
No 356,
Dr Colvin R de Silva Mawatha,
Colombo 02.

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Proposed New Digital Lottery Digital Draw

1. Executive Summary

Since its inception on January 19, 1983, the Development Lotteries Board (DLB) has played a significant role in enriching the lives of Sri Lankans through the distribution of substantial prizes and contributions to the President's Fund. Renowned as the most innovative and trendsetting lottery organization in Sri Lanka, DLB has continuously adopted cutting-edge technology in both ticket printing and prize distribution, while upholding the highest standards of integrity, responsibility, and transparency.

In line with its commitment to innovation and modernization, DLB introduces another **New Lottery and Digital Draw Application**. This initiative integrates a secure, efficient, and transparent digital drawing process. The application is built upon a robust algorithm designed to ensure that numbers are drawn independently and randomly, eliminating any possibility of bias or manipulation. This marks a significant step forward in DLB's ongoing mission to enhance public trust and operational excellence in the lottery sector.

2. Introduction

The Development Lotteries Board (DLB) is proud to introduce its latest innovation, the **Proposed New Lottery and Digital Draw**. This new lottery offering features a simplified, fully digital draw process that generates **two winning numbers and an English letter**, ensuring a unique and engaging experience for participants.

Designed with modern convenience and transparency in mind, the Proposed New Digital Lottery aims to elevate the excitement of traditional lottery draws while providing greater winning opportunities. With attractive prize offerings and a streamlined digital experience, this new initiative is expected to bring enhanced enjoyment and anticipation to lottery players across Sri Lanka.

3. Project scope statement

The Proposed New Digital Draw Application operates under the following conditions:

1. Panel member registration
2. Six inputs should be collected from panel members: two internal, three external, and one computer-generated.
3. Random seed must be generated from the above numbers
4. Based on the generated seed, the system will generate two winning numbers and one English letter.
5. Conduct test draws and Live draws
6. Generate Test draw reports and Draw Reports.

7. Maintain access logs and any other required system logs.
8. Keep all information in a Database
9. Ensure secure login, logout, and session management.

4. Deliverables

The following modules are included in the Proposed New Lottery Digital Draw Application: An already developed and audited application for the 'Supiri Dhana Sampatha' lottery is integrated within the system. Apart from that new module available for proposed new lottery draw. This module includes the following components:

- **User Management Module**

User creation, User Update, User Delete, Change Password facilities are included

- **User Role Management**

Different User Roles are engaged with the Digital Draw Process.

Ex:

- ✓ Panel Members Registration and update process is managed by the Admin User.
- ✓ Test Draw and Draw Process conducted by Draw User
- ✓ System Administrator and Auditor involve to Transaction logs monitoring and audit process
- ✓ Panel members are using the Random number input form

- **Panel Registration**

Name, Designation, Organization, NIC and other relevant information of the panel member should upload to the system.

Panel members update, inactivate functions can be conducted.

- **Test Draw Process**

The **test draw process must be conducted prior to departure to SLRC** for the main draw. Upon receiving the sales information as usual, it is necessary to conduct the test draw and verify the generated reports. Therefore, the system should generate **two winning numbers and one English letter** in test mode to complete the test draw process.

- **Draw Process**

Draw operations must be carried out at the **SLRC premises**. Panel members will be assigned their respective random numbers. In addition, a **computer-generated random number** will also be included in the draw process. Based on the combined inputs from the panel members and the computer-generated number, a **draw seed** will be generated. This seed will be used to produce **two winning numbers and one English letter** for the final draw.

- **Report Generation**

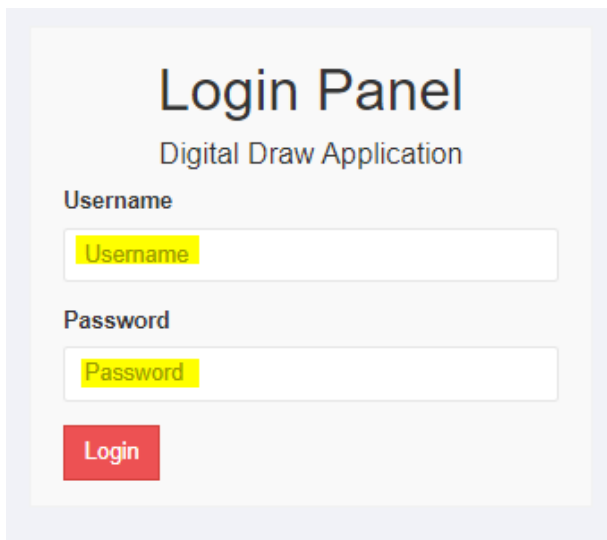
Reports should be generated and signed by panel members for their inputs and by the IT officer for the computer-generated random number.

- **Audit Process**

Access logs should be available to monitor the login, logout time and access screen and the performed tasks.

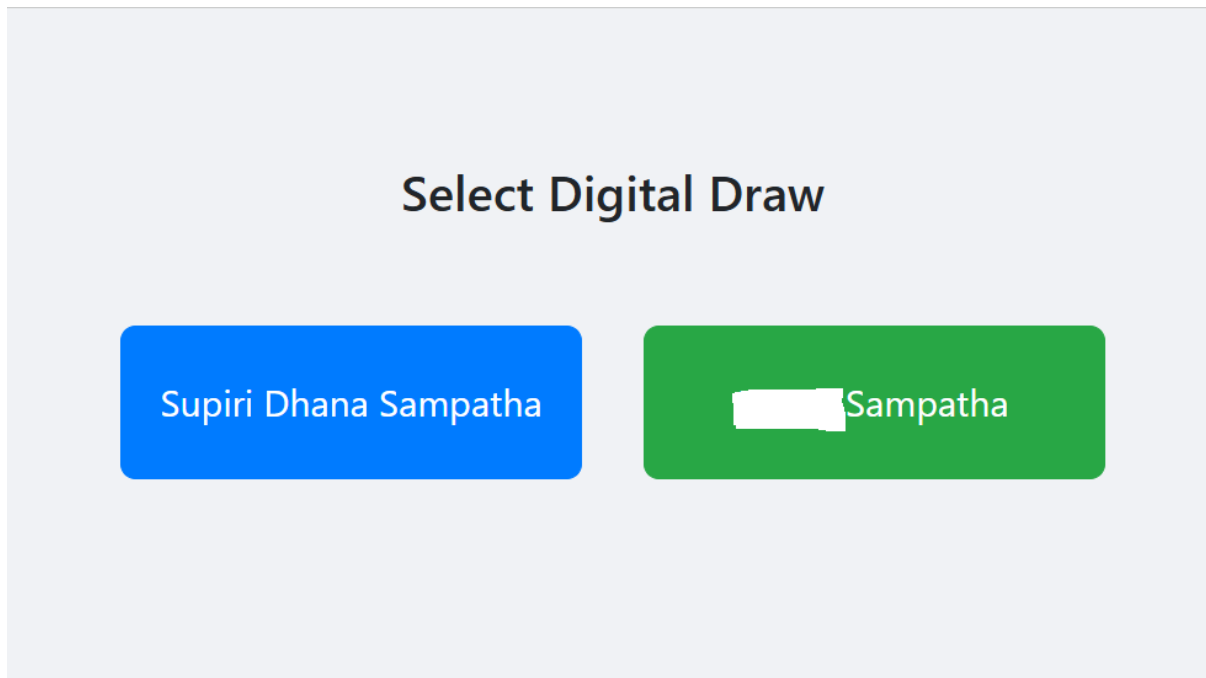
5. Application User Manual

- 1) Browse the system URL to login the application
- 2) Enter valid User Name and Password

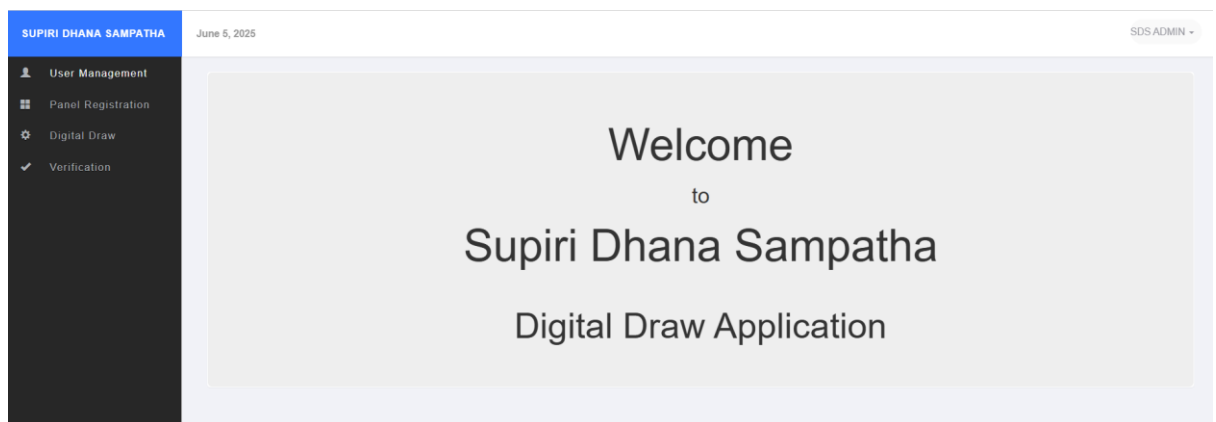


The screenshot shows a login interface with the title "Login Panel" and subtitle "Digital Draw Application". It contains two input fields: "Username" and "Password", both with yellow placeholder text. Below the fields is a red "Login" button.

- 3) The system will navigate to the home page upon successful login. This page allows user to select which Digital Draw is needed to function.



If click on Supiri Dhana Sampatha button, system navigates to Supiri Dhana Sampatha home page.

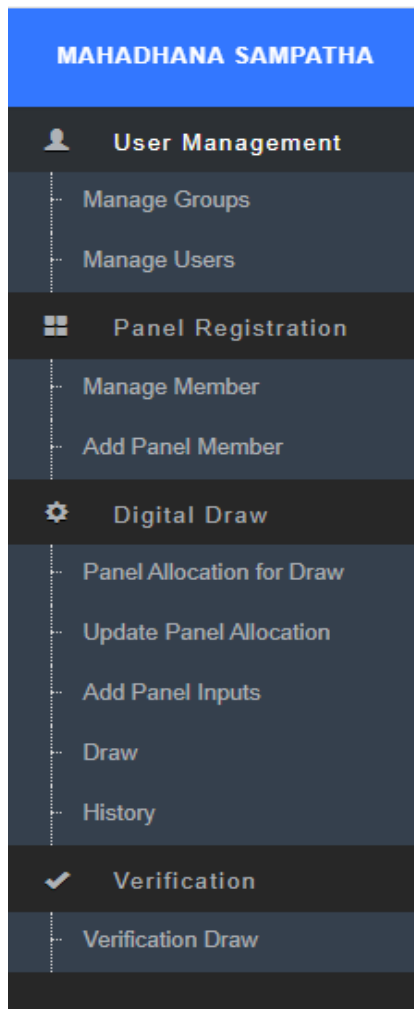


If click on other button which is created for new lottery, system navigates to New Lottery home page.

4) Main Menu contains 04 main options and having sub-menu items

- **User Management**
 - Manage Groups
 - Manage users
- **Panel Registration**
 - Manage Member
 - Add Panel Member
- **Digital Draw**

- Panel Allocation for Draw
- Update Panel Allocation
- Add Panel Inputs
- Draw
- History
- **Verification**
 - Verification Draw



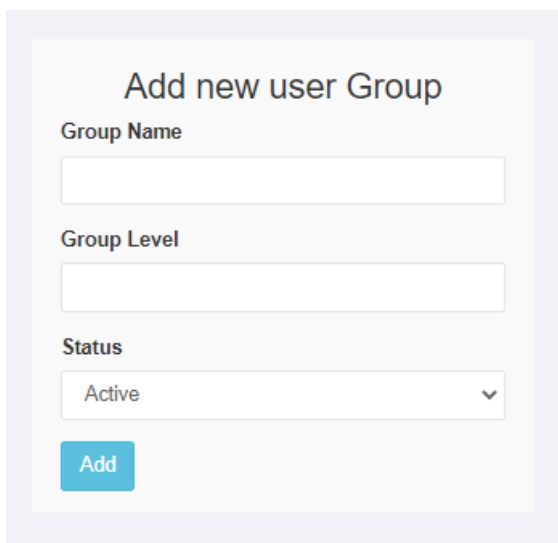
5) User Management has two functions.

- **Manage Groups**

Admin User is able to view User Groups which are already available and able to Add New Group.

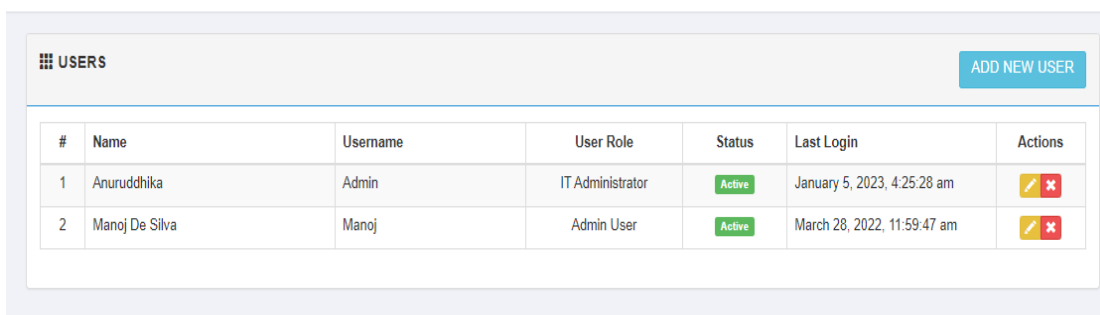
GROUPS					ADD NEW GROUP
#	Group Name	Group Level	Status	Actions	
1	IT Administrator	1	Active	 	
2	Admin User	2	Active	 	

When User Click on Add New Group button, user is able to add new user group to the system.



The form is titled "Add new user Group". It contains three input fields: "Group Name", "Group Level", and "Status". The "Status" field is a dropdown menu currently showing "Active". Below these fields is a blue "Add" button.

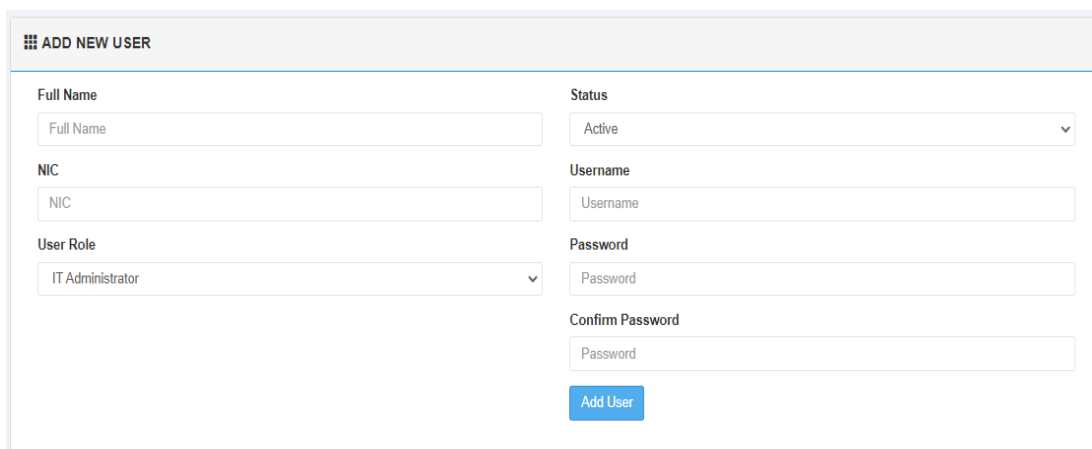
- **Manage Users**



The table is titled "USERS" and has a blue "ADD NEW USER" button in the top right corner. The table has seven columns: #, Name, Username, User Role, Status, Last Login, and Actions. There are two rows of user data.

#	Name	Username	User Role	Status	Last Login	Actions
1	Anuruddhika	Admin	IT Administrator	Active	January 5, 2023, 4:25:28 am	 
2	Manoj De Silva	Manoj	Admin User	Active	March 28, 2022, 11:59:47 am	 

When User click on Add New User button application will open the new form for user registration.



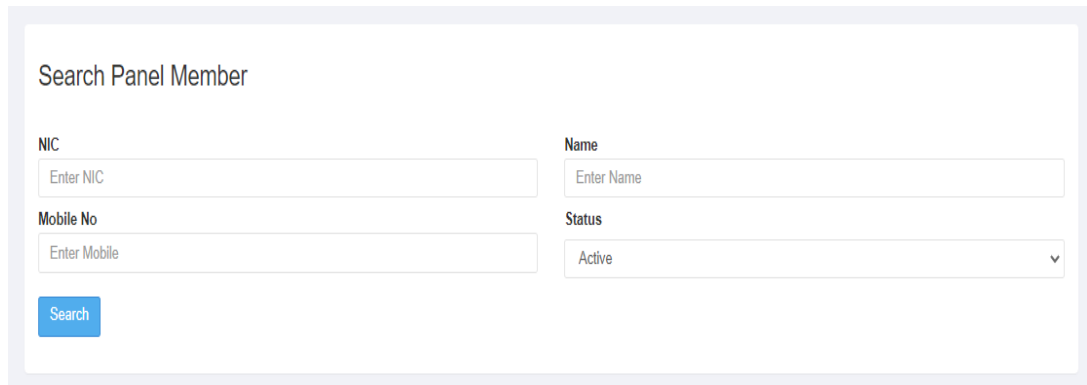
The form is titled "ADD NEW USER". It contains several input fields and dropdown menus: "Full Name", "NIC", "User Role" (dropdown showing "IT Administrator"), "Status" (dropdown showing "Active"), "Username", "Password", and "Confirm Password". A blue "Add User" button is at the bottom right.

- **Manage Member**

When click on the Manage Member option under the Panel Registration, panel

member search option is available.

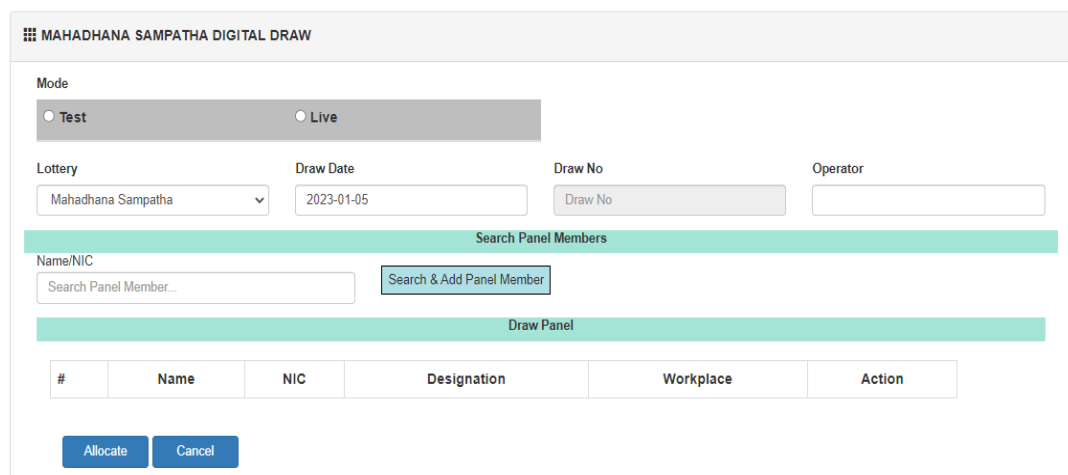
User able to search panel member by NIC, Name, Mobile No, Status.



The 'Search Panel Member' form is located within a light blue bordered container. It features four input fields arranged in a 2x2 grid: 'NIC' with a placeholder 'Enter NIC', 'Name' with a placeholder 'Enter Name', 'Mobile No' with a placeholder 'Enter Mobile', and 'Status' which is a dropdown menu currently showing 'Active'. A blue 'Search' button is positioned below the 'NIC' and 'Mobile No' fields.

- **Panel Allocation for Draw**

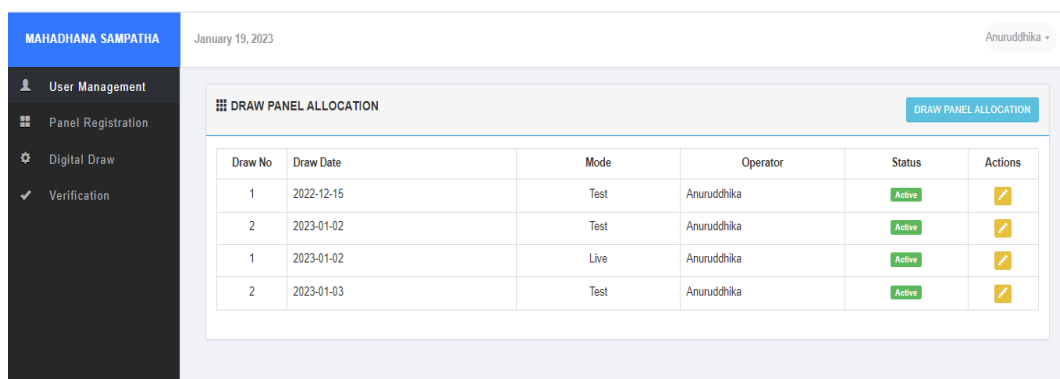
User is able to assign panel members who were already registered in to the specific draw number for Test or Live mode.



The 'MAHADHANA SAMPATHA DIGITAL DRAW' form includes a 'Mode' section with 'Test' (selected) and 'Live' radio buttons. Below this are fields for 'Lottery' (a dropdown set to 'Mahadhana Sampatha'), 'Draw Date' (2023-01-05), 'Draw No' (a placeholder 'Draw No'), and 'Operator'. A teal bar separates the form from the 'Search Panel Members' section, which has a 'Name/NIC' search bar and a 'Search & Add Panel Member' button. Another teal bar follows, leading to the 'Draw Panel' section. This section contains a table with columns: '#', 'Name', 'NIC', 'Designation', 'Workplace', and 'Action'. Below the table are 'Allocate' and 'Cancel' buttons.

- **Update Panel Allocation**

System is able to update panel allocation before conduct the draw.



The screenshot shows the 'MAHADHANA SAMPATHA' dashboard for January 19, 2023. The left sidebar lists 'User Management', 'Panel Registration', 'Digital Draw', and 'Verification'. The main area is titled 'DRAW PANEL ALLOCATION' and contains a table with the following data:

Draw No	Draw Date	Mode	Operator	Status	Actions
1	2022-12-15	Test	Anuruddhika	Active	
2	2023-01-02	Test	Anuruddhika	Active	
1	2023-01-02	Live	Anuruddhika	Active	
2	2023-01-03	Test	Anuruddhika	Active	

- **Add Panel Input for Digital Draw**

List of draws are available in ascending order.

Draw No	Draw Date	Mode	Status	Actions
3	2023-01-19	Test	Active	
2	2023-01-03	Test	Active	
1	2023-01-02	Live	Active	
2	2023-01-02	Test	Active	
1	2022-12-15	Test	Active	

User will be able to add panel inputs for each draw by clicking on the pencil icon.

ADD PANEL INPUT FOR DIGITAL DRAW

Mode: ☒ Test ☐ Live

Lottery: Mahadhana Sampatha Draw Date: 2023-01-19 Draw No: 3 Operator: Anuruddhika

#	Name	NIC	Designation	Workplace	Action
1	Mr. Kapila Bulathsinghala	651151600V	Assistant General Manager (Marketing)	Development Lotteries Board	
2	Mrs Himali Pullaperuma	716122450V	Additional Director General	Ministry Of Finance	
3	Mr. D.A. Nuwan Hemantha Disanyaka	861350908V	Accountant	Sports Development Department	
4	Mr.W.A.S.Sumanasooriya	700550338V	Deputy Director General	Urban Development Authority	
5	Mr. K.G. Kamal Kiriella	672690129V	Assistant Superintendent Of Police	Colombo Central	

Click on the pencil icon to add the panel input in to the random number field. Random number should be between 10-20 digits. Length of digits will be display on the below text field.

ADD RANDOM NUMBER FOR PANEL MEMBER A

Full Name

Current Designation

NIC

Working Place

Home Telephone No

Mobile No

Email

Random Number (20 Digits)*

Enter the name of the application Operator and Computer-Generated Random Number and click on the initiate Draw button. Then system will proceed the algorithm and generate the 2 winning numbers between 1-90 and English Letter.

Blue color background used for Test Draw and Green Color used for Live draw.

MAHADHANA SAMPATHA DIGITAL DRAW

Mode

Draw Date

Draw No

Operator

Computer Generated Random Number

Draw Panel

#	Name	NIC	Designation	PIN NO	Signature
1	Mr. Kapila Bulathsinghala	651151600V	Assistant General Manager (Marketing)	135353568080606000	.....
2	Mrs Himali Pullaperuma	716122450V	Additional Director General	5353686666666666	.....
3	Mr. D.A. Nuwan Hemantha Disanyaka	861350908V	Accountant	1002453888655353533	.....
4	Mr.W.A.S.Sumanasooriya	700550338V	Deputy Director General	666666666666666666	.....
5	Mr. K.G. Kamali Kirilella	672690129V	Assistant Superintendent of Police	5366655667666666666	.....

After click on the initiate button, Draw Report in pdf format will be generated as below.

Sampatha

Draw NO & Date 04 2025-06-05 16:49:37 PM

Winning Numbers

30

09

English Letter

P

Draw Seed

9c1bc03be740f97c38142a0fa4f290c77ce0c340fbcac5880f8cb965a484bc5a

#	Name	NIC	Designation	PIN NO	Signature
1	Mr. Panel Member A	123456789V	TEST	4115668666886860000	.....
2	Mr. Panel Member B	123456788V	TEST	5858587568686886600	.....
3	Mr. Panel Member C	114785522222	TEST	98866566565233303000	.....
4	Mr. Panel Member D	123654987V	TEST	98787576633053550000	.....
5	Mr. Panel Member E	123987456785	TEST	36686864200003555688	.....

Computer Generated Random Number 59268617463963178503

.....
AGM(IT)/System Analyst/IT Assistant

- History**

User will be able to view previous draw reports under the History section able to search based on Draw No, Date and Mode.

MAHADHANA SAMPATHA January 19, 2023 Anuruddhika

User Management
Panel Registration
Digital Draw
Verification

Mahadhana Sampatha Digital Draw History

Draw No
Enter Draw Number

Date
Draw Date

Mode
Test

Search

- **Verification**

User will be able to verify the algorithm by entering the same random inputs.

MAHADHANA SAMPATHA January 19, 2023

User Management
Panel Registration
Digital Draw
Verification
Verification Draw

MAHADHANA SAMPATHA DIGITAL DRAW

Pin Number 01
Pin Number 01

Pin Number 02
Pin Number 02

Pin Number 03
Pin Number 03

Pin Number 04
Pin Number 04

Pin Number 05
Pin Number 05

Computer Generated Random Number
Computer Generated Random Number

Initiate Draw Cancel