

HOUSING LOTTERY SYSTEM

A Java & SQL based project

Group Members

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Background Information

- ❖ Access to housing is a fundamental human need, yet many individuals face challenges in realizing this basic right due to financial constraints.
- ❖ To address this issue, governments often implement housing allocation schemes, wherein a certain number of houses are built and distributed to eligible citizens through a lottery-based system.
- ❖ While this approach aims to provide equal opportunities to all, it suffers from several drawbacks that hinder its effectiveness and fairness.
- ❖ Even though the system wants to create a new future for all, but some factors affect the well-being of the system.
- ❖ This concept discusses the shortcomings of existing housing lottery systems and proposes an ideal solution for a fairer and more efficient allocation process.

Prevailing Lottery System

An existing government body known as **MHADA** (Maharashtra Housing and Area Development Authority) has the lottery system.

In the currently prevailing system, the Lottery registration is taking place as follows :

- ❖ Customer who want to avail the scheme has to sign up.
- ❖ As soon as you register yourself, enter the details.
- ❖ Enter the copy of all the documents required.
- ❖ Proceed for payment.
- ❖ Wait for staff's approval for verifying the data and further proceeding the details for lottery generation purpose.

Problems in the current system

Function/Feature	Drawbacks
Authentication by officer	Verification Bias
Internal Verification and Allotment	Lack of Transparency
One by one authentication	Time consuming verification
PDF of documents to be uploaded	Larger space requirement
Can upload any fake document/details	Less authenticate details

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Two booked for duping couple of ₹15L by promising them MHADA flat in Vikhroli

By Manish K Pathak

Jul 27, 2023 12:52 AM IST

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MUMBAI: Police have arrested a man for duping an Andheri resident of Rs 71 lakh after promising him a flat in an ongoing [Slum Rehabilitation Authority \(SRA\)](#) project in Andheri (E).

Nitesh [Lotankar](#) committed the fraud along with three accomplices, including a woman who posed as a Maharashtra Housing and Area Development Authority (Mhada) employee. Lotankar was caught following a tip-off on May 26, but his accomplices, Geeta [Landge](#), Kaushal Shah and [Dilip Sheth](#), are on the run. Lotankar, who is in police custody till May 30, gained the victim's trust after introducing him to Landge, who showed him the flat and offered it for less than the market rates.

THE TIMES OF INDIA

City: Mumbai Mumbai Region Delhi Bangalore Hyderabad Kolkata Chennai Agni Agartala Ahmedabad Ajmer Allahabad

THIS STORY IS FROM DECEMBER 20, 2018

Mhada official held in Rs 2.5 cr housing scam

Ahmed Ali / TNN / Dec 20, 2018, 07:09 IST

The police on Wednesday arrested Yuvraj Sandipen Samant alias Patil (56), deputy development officer of the Maharashtra Housing and Area Development Authority (MHADA), in a Rs 2.5 crore housing scam.

Ex-CEO of Mhada took bribes, alleges letter

MEHUL R. THAKKAR
MUMBAI, MAY 5

An individual named D. Jadhav has sent a letter to a few senior officials of Maharashtra Housing and Area Development Authority (Mhada), alleging that its former CEO, S.S. Zende, who retired a week ago, took bribes from several department engineers assuring them of promotions and transfers to lucrative postings before he handed over charge. However, when contacted by The Asian Age, Mr Zende rubbished the allegations saying they were false and levelled at him by someone who was probably discontented.

Mr Zende said, "This happens every time an officer leaves a particular office. This letter is the handiwork of some internal officer of Mhada who did not get the promotion or transfer he wished."

Mr Jadhav's letter reads, "Mr Zende, in keeping with his corrupt practices, has made a deal worth ₹5 crore with select Mhada engineers. As per rules under the Maharashtra Transfer Act, 2005, general transfer and postings under Mhada are done in the last week of May."

The letter further says, "Mr Zende has violated rules of the Maharashtra



Former Mhada CEO S.S. Zende; (right) the accusatory letter.

Transfer Act, 2005, for personal gain of crores of rupees. He is the most favourite officer of developers, contractors, agents, politicians, and corrupt officials. He has changed several transfer orders within a week's time on financial compliance. There was no such emergency for the above mentioned promotions and transfers."

When asked, Mhada secretary Bharat Bastewad said, "I too have received a letter from an individual named Mr Jadhav and he should come out in the open if he has any proof against anyone. He has sent the same letter to many other officers. Routine transfers and promotions that take place every year are yet to happen and it was only a few select engineers who were either promoted or transferred. One should come out in the open and then level allegations of such serious nature."

Mira-Bhayandar: Gang Of 5 Busted By Crime Branch In Alleged MHADA Flat Scam

The gang had recently duped a 48-year-old woman who runs an e-seva kendra in Bhayandar (west) to the tune of ₹10 lakh.

Proposed Solution

HOUSING

LOTTERY SYSTEM



We primarily aim to solve the existing real life problem and get a unique solution which can be cost efficient and brought into force if possible.

Technical tools used



Apache
NetBeans IDE



WampServer



MYSQL connector

Expected Outcomes

By implementing the proposed solution, we aim to achieve the following outcomes:

- ❖ A fair and Transparent Lottery System.
- ❖ Avoid broker interference.
- ❖ Avoid the document uploading step
- ❖ Reduce instance of fraud and storage space.
- ❖ Reduce the biased application acceptance.
- ❖ Faster and automated authentication and approval.
- ❖ Improved access of housing to users.
- ❖ Increase the efficiency of allotment..

WORKING

Database

UID	Full_Name	Gender	Date_Of_Birth	Address	age
98765432	Rahul Kumar Verma	Male	1990-05-15	A101 Gopal Nagar, 123 Rajput Street, Del	30
87654321	Anjali Rahul Sharma	Female	1992-03-23	B205 Shantivan, 456 Patel Road, Mumbai-4	28
76543210	Amit Kumar Patel	Male	1995-07-10	C303 Krishna Vihar, 789 Gandhi Lane, Ahm	26
65432109	Sneha Raja Yadav	Female	1985-12-07	D404 Krishnapuri, 567 Krishna Nagar, Kol	35
54321098	Vivek Rajesh Gupta	Male	1988-01-25	E505 Gokul Vihar, 890 Main Road, Jaipur-	32
43210987	Neha Naresh Singh	Female	1996-08-22	F606 Saraswati Colony, 123 Ravi Lane, Ch	24
32109876	Ravi Amit Sharma	Male	1993-04-12	G707 Prakash Enclave, 456 Patel Street,	27
21098765	Sakshi Suhas Verma	Female	1989-06-27	H808 Rajput Nagar, 789 Krishna Road, Pun	32
10987654	Rajesh Ronit Gupta	Male	2000-03-05	I909 Shanti Nagar, 101 Ravi Road, Bengal	22
87654329	Priya Amit Singh	Female	2002-01-18	J1010 Krishna Vihar, 202 Rajput Lane, Hy	20
76543218	Amit Rajesh Verma	Male	1991-11-21	K1111 Malviya Lane, 303 Gandhi Street, C	29
65432187	Sneha Priyansh Sharma	Female	1994-04-04	L1212 Saraswati Vihar, 404 Ravi Road, Ko	26
54321096	Rahul Amit Yadav	Male	2003-02-22	M1313 Prakash Nagar, 505 Patel Avenue, M	19
43210985	Pranjal Jitendra Shinde	Female	2001-05-15	N1414 Gokul Enclave, 606 Ravi Road, Delh	21
32109875	Vivek Rajesh Kumar	Male	2005-08-19	O1515 Gopal Nagar, 707 Rajput Street, Ah	17
21098767	Sakshi Chandu Verma	Female	2000-03-05	P1616 Malviya Enclave, 808 Gandhi Lane,	22
10987656	Rajesh Aditya Singh	Male	2002-07-17	Q1717 Prakash Nagar, 909 Patel Road, Cha	20
98765436	Neha Sachin Gupta	Female	1989-01-13	R1818 Saraswati Vihar, 101 Ravi Street,	34
87654325	Amit Rahul Patel	Male	1994-05-10	S1919 Gokul Lane, 111 Gopal Road, Pune-4	27
76543214	Sneha Ronit Verma	Female	2003-03-15	T2020 Rajput Enclave, 1212 Krishna Lane,	18
65432183	Rahul Vivek Singh	Male	1988-12-24	U2121 Malviya Street, 1313 Gandhi Road,	32
54321092	Anjali Ansh Mishra	Female	1997-09-12	V2222 Patel Vihar, 1414 Saraswati Street	26
43210980	Amit Rajesh Kumar	Male	1989-02-07	W2323 Ravi Nagar, 1515 Patel Avenue, Ahm	32
32109870	Sakshi Nilesh Gupta	Female	2002-08-13	X2424 Krishna Vihar, 1616 Gokul Lane, Ja	19
21098760	Vivek Rahul Patel	Male	1995-12-10	Y2525 Saraswati Nagar, 1717 Ravi Street,	25
10987659	Neha Jatin Yadav	Female	2000-02-09	TT4646 Gokul Nagar, 3838 Rajput Street,	23
98765438	Amit Sachin Yadav	Male	1995-04-18	UU4747 Patel Vihar, 3939 Krishna Road, A	26
87654327	Rajesh Rahul Patel	Female	1992-03-12	VV4848 Malviya Street, 4040 Ravi Lane, C	28
76543216	Mandar Rajendra Singh	Male	1997-05-04	WW4949 Saraswati Enclave, 4141 Patel Str	24
65432186	Sneha Rajesh Gupta	Female	2003-07-15	XX5050 Gokul Lane, 4242 Ravi Road, Chand	18
54321095	Rahul Vivek Verma	Male	2000-01-23	KK3737 Malviya Lane, 2929 Patel Street,	21
43210984	Neha Srinivas Patel	Female	1991-05-15	LL3838 Gokul Nagar, 3030 Ravi Vihar, Che	30
32109873	Vivek Amit Singh	Male	1994-04-04	MM3939 Krishna Nagar, 3131 Saraswati Str	27
21098764	Sakshi Suresh Verma	Female	1997-03-30	HH3434 Ravi Lane, 2626 Gokul Street, Cha	24
10987653	Priya Mayur Gupta	Male	1989-02-05	II3535 Saraswati Enclave, 2727 Saraswati	32
98765435	Amit Sakshi Yadav	Female	1994-05-22	JJ3636 Rajput Nagar, 2828 Krishna Road,	27
87654324	Rajesh Vivek Verma	Male	2000-07-09	CC2929 Malviya Street, 2121 Patel Avenue	21

Corresponds to

Government
Database
(like UIDAI)

Sample Database

Achieved Outcomes

Outcome	Drawbacks
Automated authentication	Verification Bias
Simple allotment Concept	Lack of Transparency
Number Based authentication	Time consuming verification
Data Fetching	Larger space requirement
Data Fetching	Less authenticate details

Thank You