E-Governance

E-Filing

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E-Governance

What is E-Governance

- The government uses information technology and particularly the Internet to support government operations, engage citizens, and provide government services.
- E- Governance is the application of electronic means in the interaction between government and citizens and government and businesses as well as in internal government operations to simplify and improve democratic, government and business aspects of Governance. (Backus, 2001).

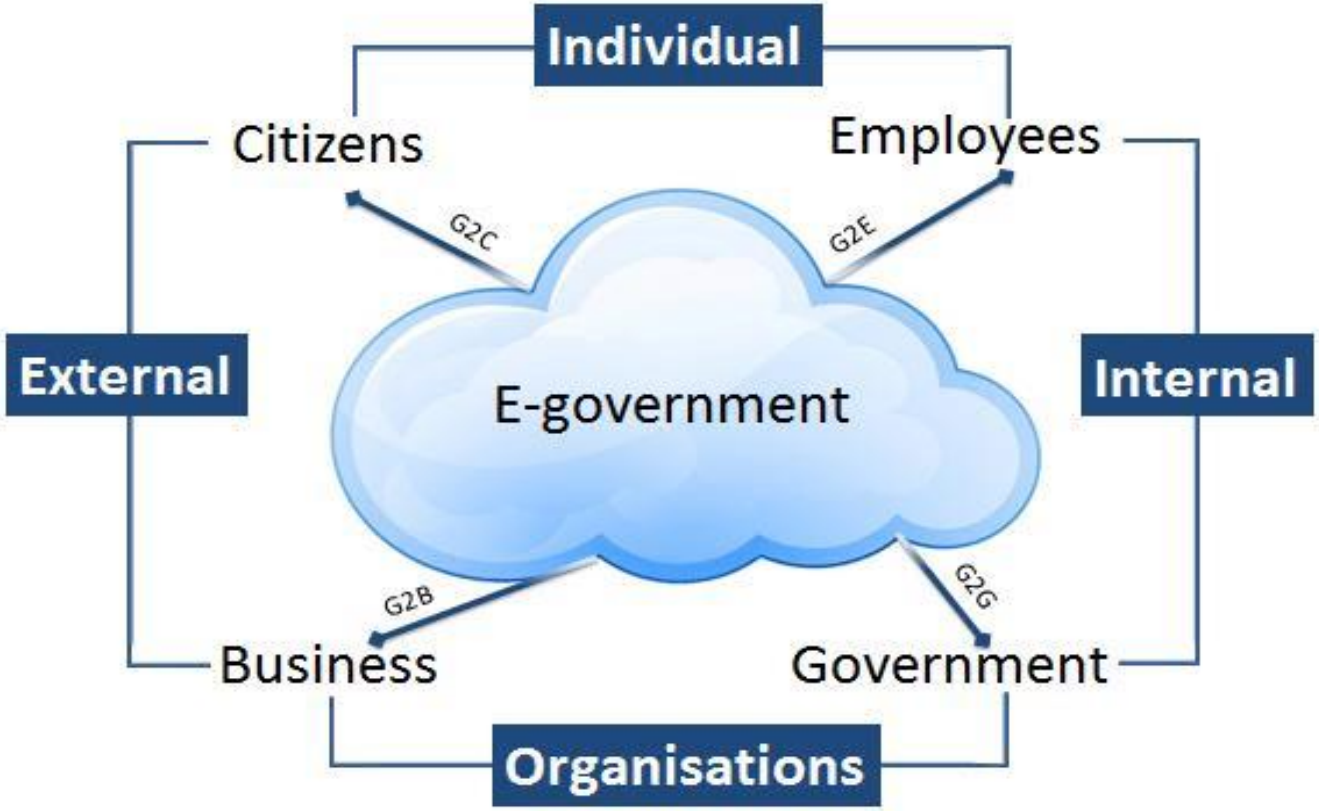
E-Governance

- Is it changing government service delivery procedure?
- Is it make the government security and confidentiality more vulnerable?
- Is its implementation fully depended on ICT technologies?

Objectives of E-Governance

- To support and simplify governance for all parties - government, citizens and businesses.
- To support and stimulate good governance.
- To empower the citizens.
- To bring transparency and accountability in the government service delivery process.
- To reduce the service delivery time.

Types of E-Governance



Types of E-Governance

- Government to Citizen (G2C)

✓ The primary aim of Government-to-citizen is to supply facilities to the citizens.

✓ It also helps the people to minimize the time and cost to carry out a transaction.

✓ A citizen can retrieve the facilities anytime from anywhere.

✓ It also focuses on geographic land barriers.

✓ Examples of G2C are payment of utility bills.

Types of E-Governance

- Government-to-business (G2B)

✓ the interchange of services between Government and Business firms.

✓ It increases the productivity.

✓ Key Points of Government to business reduce the burden.

✓ Example: Getting a license from government

Types of E-Governance

- Government-to-Government (G2G)

✓ The interaction between different government departments, firms and agencies.

✓ Increases the efficiency of government processes.

✓ G2G services can be at the local level or at the international level.

✓ Example: Sharing same database by different government organization

Types of E-Governance

- Government-to-Employee (G2E)

✓ The internal part of G2G section.

✓ It aims to bring employees together and improvise knowledge sharing.

✓ It provides online facilities to the employees like applying for leave, reviewing salary payment record and checking the balance of holiday

✓ Example: Salary through EFT

Benefit of E-Governance

- Cost effective
- Speed, efficiency & convenient
- Minimum use of hardcopy
- Increases interest of citizens
- Easily accessible

Basic Requirements for E-Governance

- High and affordable Information and Internet infrastructure within government ministries, divisions, agencies, private sector and citizens.
- Extensive ICT Human Capacity development in Government, Private sectors and citizens
- Legal Framework that recognizes and supports digital communication

History of E-Governance in Bangladesh

E-Governance is a journey and not a destination.....

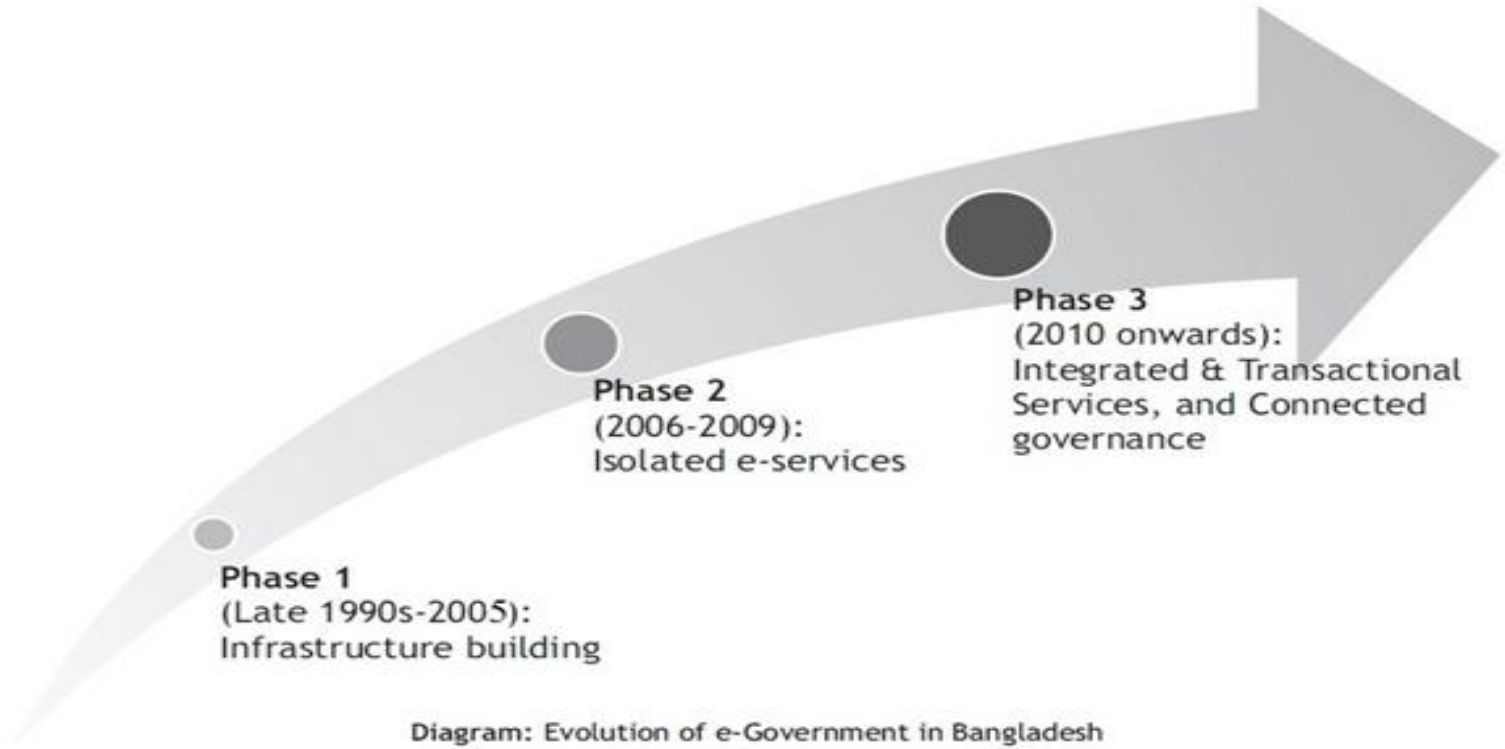


Diagram: Evolution of e-Government in Bangladesh

E-Governance in Bangladesh

- The national ICT Task Force headed by the Honorable Prime Minister herself has put great emphasis on identifying challenges in the implementation of nation-wide e-Governance and on initiating pilot projects in various sectors of the government through a project called the Support to ICT Task Force (SICT).
- The National ICT Policy of 2002 gives due importance to the issue of e-Government, declaring that “the Government shall use ICT systems within the public administration to improve efficiency, reduce Wastage of resources, enhance planning and raise the quality of services.”
- Digital Bangladesh agenda of present government…

E-Governance in Bangladesh
Just a glimpse…

- E--Governance in LG

✓Online birth/death certificate

✓Access to information of local people

- E-Governance in Election Commission

✓Electronic Voting Machine (EVM)

✓National ID Card

E-Governance in Bangladesh

- E-Governance in Education

✓ On line admission procedure

✓ On line result procedure

- E-Governance in Communication and Transportation

✓ E-Ticket

✓ Electric bill payment using mobile phone

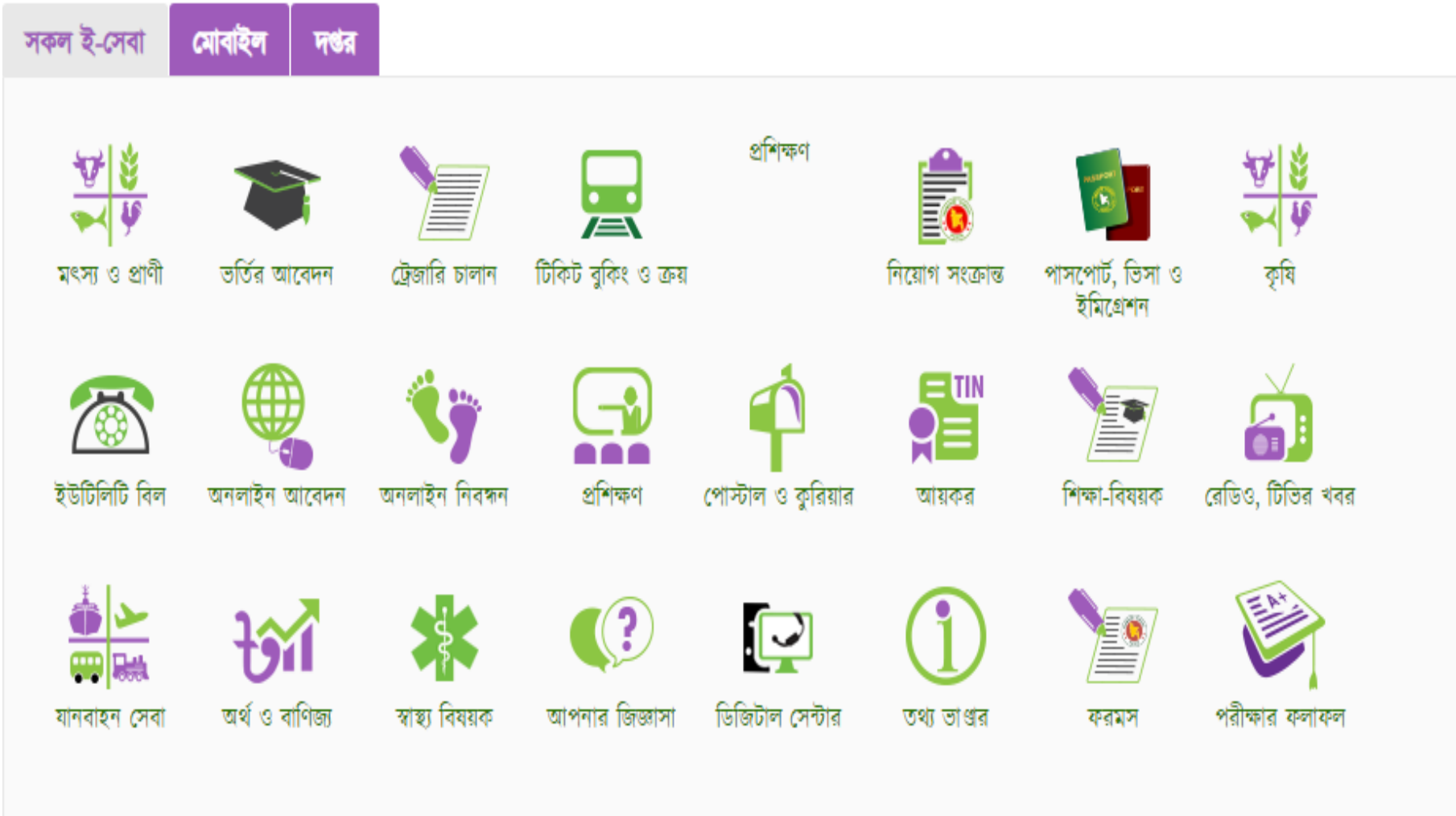
- E-Governance in Business

✓ Dhaka & Chittagong Stock Exchange

✓ NBR

E- Service in Bangladesh

http://www.bangladesh.gov.bd/site/view/all_eservices/



Challenges of E-Governance

- Changing towards positive attitude
- Execution according to planning
- Poor ICT Infrastructure
- Lack of Awareness of government officials
- Non-acceptability of IT systems
- Low Level of IT literacy
- High-cost, Lower Liability of Internet Access
- Conflict with culture

E-Governance in Bangladesh Railway

- E-Ticketing System
- Train Tracking & Monitoring System(TTMS)
- e-Government Procurement system
- Wi-Fi System in important railway station

Re-commendation

- What you think?
- ICT Infrastructure development
- Strong Roadmap
- Reduce Internet and local bandwidth cost
- Funding
- Strong IT Division
- Proper IT training
- Updated and Integrated websites
- Automation of govt. services and application
- Motivating Public by the Govt.
- Developing friendly software

E-Learning

Evolution of Education Technology



What is traditional learning?

- Traditional learning takes place in a classroom setting.
- There is a trainer who moderates and regulates the flow of information and knowledge.
- The trainer expects the audiences to deepen their knowledge through written exercises at home

E-Learning

- ✓ Learning that is enabled Electronically.
- ✓ E-learning, also referred to as online learning or electronic learning, is the acquisition of knowledge which takes place through electronic technologies and media.
- ✓ E-Learning most often takes place in the form of online courses, online degrees, or online programs.

What are the differences between E-Learning and traditional learning?

E-Learning	Traditional learning
It happens online	It happens offline
Anytime, anyplace	Forced in a schedule and place
Flexible pace	Imposed pace
Supports an independent learning style	Learning from and with each other
The primary source of information is online content	The primary source of information is the trainer
Limited interaction	Extensive interaction between trainers and colleagues

Advantages of E-Learning

- On-demand availability
- Self-pacing
- Interactivity
- Consistency of self interest
- Flexibility
- Reduced overall cost
- Learning times reduced

Disadvantages of E-Learning

- Not effective for those with poor study habits
- May feel isolated or miss social interaction
- Elimination of peer to peer learning
- Slow or unreliable Internet connections can be frustrating
- Traditional hands-on courses can be difficult to simulate

Types of E-learning

- Synchronous eLearning

✓ *Set time*

✓ Real-time learning

✓ The learners and the teacher are online and interact at the same time from different locations.

✓ They deliver and receive the learning resources via mobile, video conference, Internet.

✓ Share their ideas during the session and interact with each other and they get detailed queries and solutions.

✓ Synchronous eLearning is gaining popularity because of improved technology and Internet bandwidth capabilities.

Example: Learning from the sources of-

- Virtual Classroom
- Audio and Video Conferencing
- Chat
- Webinars

Types of E-learning

- Asynchronous E-learning

✓ *Learner directed, self-paced*

✓ Pause-and-resume kind of learning.

✓ The learner and the teacher cannot be online at same time.

✓ Asynchronous eLearning may use technologies such as email, blogs, discussion forums, eBook's CDs, DVDs, etc.

✓ Learners may learn at any time, download documents, and chat with teachers & also with co-learners.

✓ Learners can take online courses to learn at their preferable time by not effecting their daily commitments.

Example: Learning from the sources of-

- Self-paced online courses
- Discussion forums & groups

Types of E-learning

- Blended learning

✓ Combines e-learning tools with traditional classroom learning to ensure maximum effectiveness.

✓ Face to face interaction thereby leading to social benefits.

✓ Personalized system of instruction which requires minimum interaction.

✓ Improved retention and reinforcement through follow up mechanism on the web.

✓ Highly flexible based on the learning style and the level of audience.

E-Learning Tools

- E-mail

✓ Every teacher & student should have an e-mail account.

✓ Communicate with students

✓ Communicate with parents

✓ Students can submit assignment

✓ Can have attachments

✓ Create a paperless environment

✓ Simple but effective

✓ Efficient and cost effective

E-Learning Tools

- Audio Chat

✓Synchronous communication tool

✓Communicate with students

✓Communicate with parents

✓More students participate

✓Collaborative learning

E-Learning Tools

- Online Forum

✓ Asynchronous discussion forum

✓ Teacher can create discussion groups

✓ Teacher could post a question and request students to comment

✓ Students can post their comments

✓ Can encourage community participation

✓ Collaborative learning can be fostered

✓ Feedback from diverse culture

E-Learning Tools

- Web

✓Wide range of materials available

✓Teacher will need to narrow down

✓It is a resource Centre

✓Sharing of resources

✓Supported by images, audio, simulation and multimedia

E-Learning Tools

- Video Conference

✓Can conduct a live lecture

✓Communication with students

✓Communication with parents

✓Support by audio, chat and whiteboard

✓Support sharing of applications

✓Can be recorded and later be used for on demand lectures

E-Learning Tools

- Learning Management System (LMS)

✓ Management of content

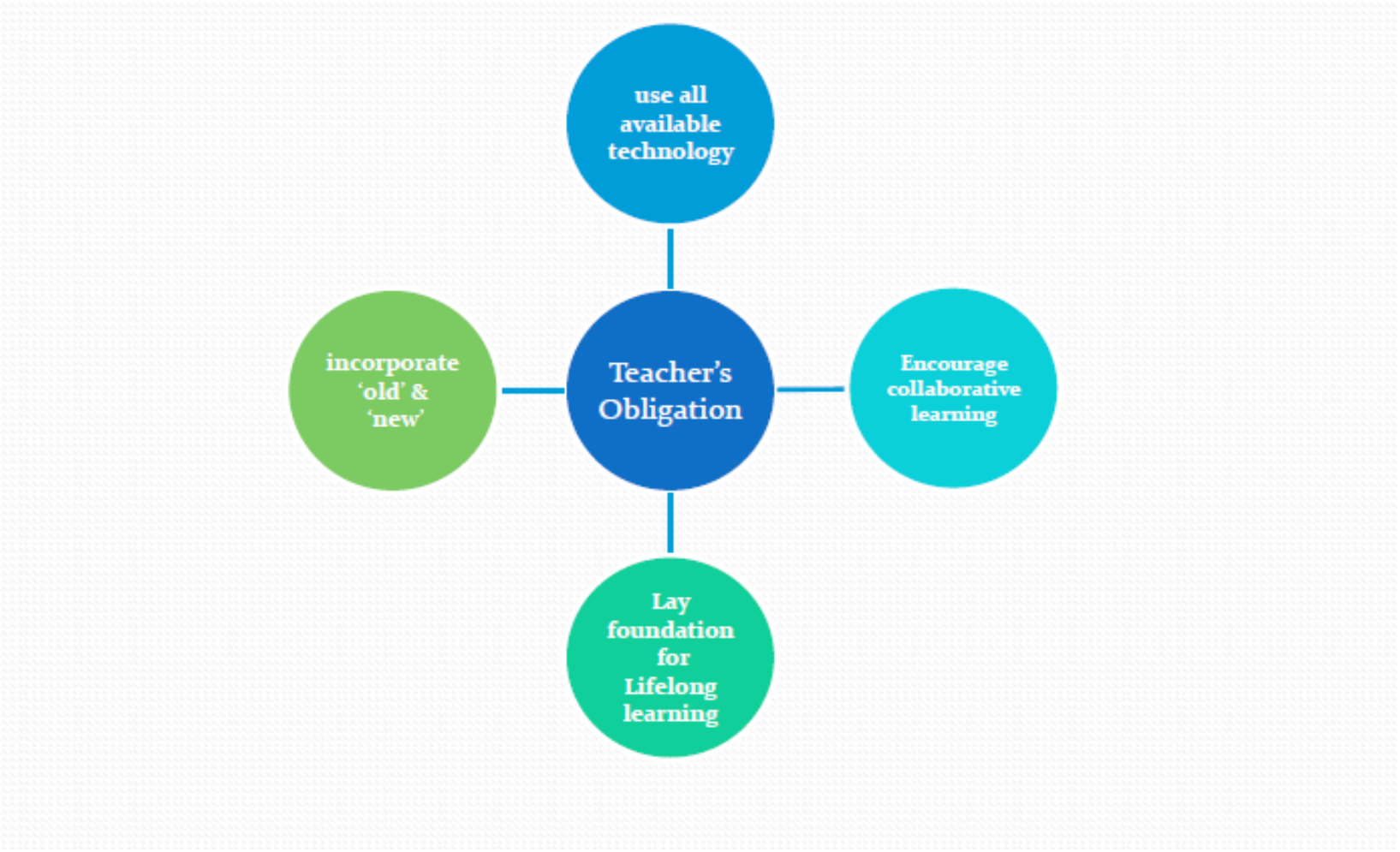
✓ Tracking students

✓ Administrative features

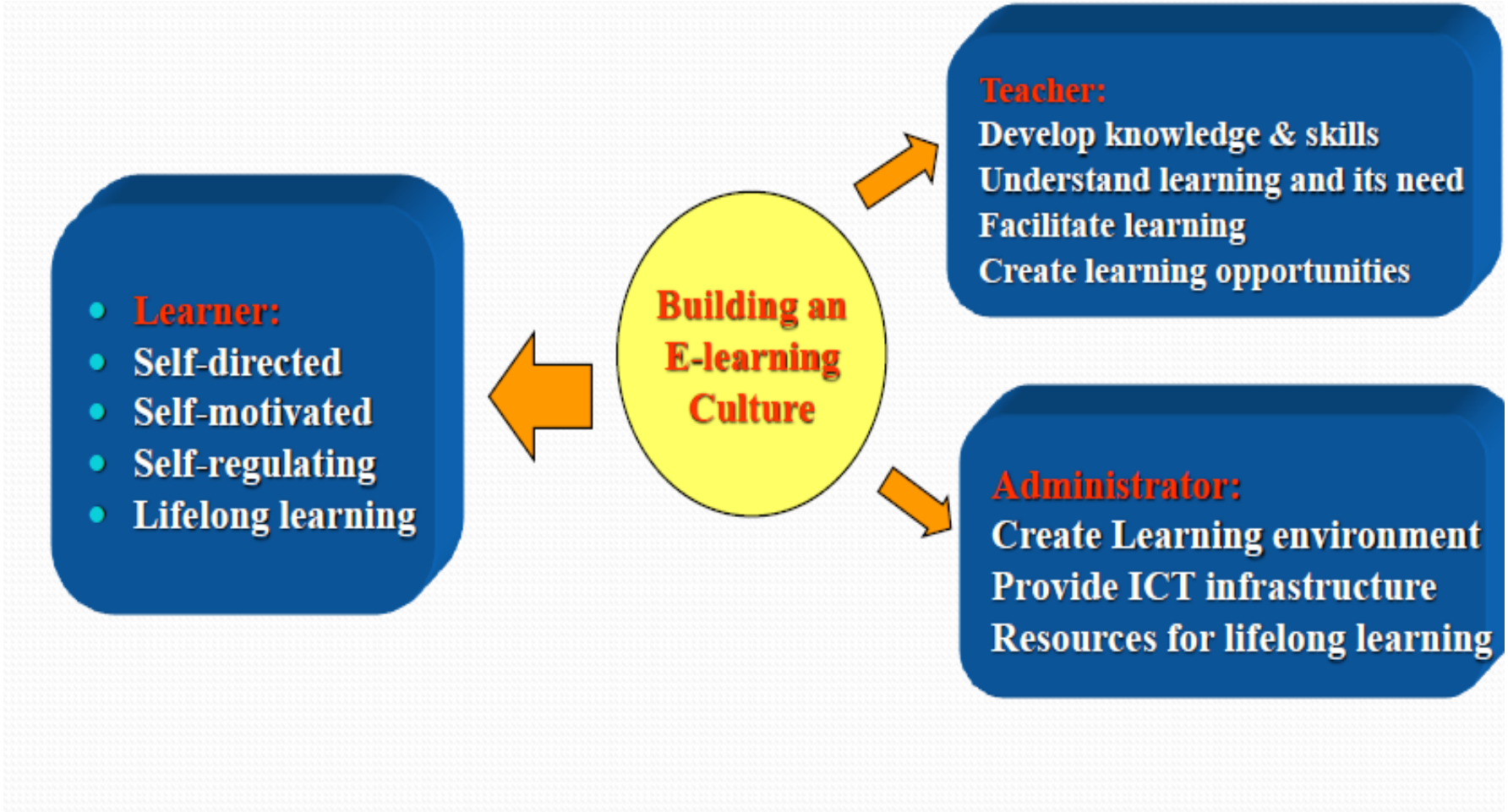
✓ Integration with various tools such as chat, forum, e-mail, etc.

✓ Reporting

Teacher’s Obligation



E-Learning Culture



Open source E-Learning Applications

- eFront
- Modular Object-Oriented Dynamic Learning Environment (Moodle)
- Dokeos
- Claroline
- ILIAS
- SAKAI
- OLAT

What is E learning platform?

- ✓ An integrated set of interactive online services that provide trainers, learners, and others involved in education with information, tools and resources to support and enhance education delivery and management.

Globally renown E-Learning platform

- Khan Academy
- Coursera
- W3 Schools
- TedEd
- Codecademy
- Open Culture
- Open Yale Courses
- Academic Earth
- Coursera
- edX
- YouTube
- Lynda
- Udemy
- Alison
- MIT Open Courseware.
- Open Culture
- Open Yale Courses etc

E-Learning Platform in Bangladesh

- ✓ www.muktopaath.gov.bd
- ✓ https://bohubrihi.com
- ✓ https://eshikhon.com
- ✓ https://10minuteschool.com/
- ✓ https://www.teachers.gov.bd/
- ✓ https://www.educarnival.com/
- ✓ http://shikkhok.com/
- ✓ https://pre-testbd.com/
- ✓ https://studypress.org/

etc.

How to Create a Successful Interactive E-Learning content

- Keep it relevant and on-topic
- Exploration is key to learner engagement
- Include interactive, reality-based scenarios.
- Integrate quizzes or assessments at the end of each module or lesson.
- Tap into their emotions
- Encourage group collaboration.
- Make your eLearning course aesthetically appealing.

Successful Initiatives in E-Learning

- Ministry of Education of Malaysia has a private TV Channel lessons.
- India unlocked a very new system ‘Interactive Radio Learning’ for students’ learning and teachers’ training in order to make learning cost and time effective.
- The Tata Computer Based Functional Literacy Programme (CBFL) in India uses a mixed method including computer software, animated graphic, multimedia presentations and flashcards to teach literacy skills.

Initiatives for E-Learning in Bangladesh

- ✓ A pilot study of e-Learning of Math in Secondary Schools in Gazipur and Comilla from 2009 with the support of BRAC under TQI-SEP (Teaching Quality Improvement in Secondary Education Project).
- ✓ Ministry of Education formally inaugurated Mobile ICT Lab for the underprivileged secondary students of rural Bangladesh. A total number 17 Mobile ICT Labs in 17 Cars (14 Microbuses & 3 Four Wheel Drive Pickups for hill tracks, haor areas and remote areas) will move all over the country to introduce e-Learning system with the teachers and students of one thousand schools.
- ✓ Access to Information (a2i) programme
- ✓ Government has already established language labs in more than 1600 schools and 500 multimedia classrooms for secondary level

Initiatives for E-Learning in Bangladesh

- ✓ Bangladesh Open University (BOU), a public sector university, has emerged as the first University in Bangladesh to introduce higher education through distance mode. Bangladesh Open University relies heavily on print materials, electronic media like radio-television and audio-video cassettes, and face to face tutorial services
- ✓ Bangladesh Institute of Management (BIM) has started training of making an e-learning platform.

Initiatives for E-Learning in Bangladesh

- ✓ CTEE (Computer Teaches Everyday English) project initiated by Development Research Network with the financial support of VAB (Volunteer Association for Bangladesh), New Jersey, USA, to assess the effect of e-Learning of English on secondary school children.
- ✓ eSonarBangladesh is dedicated to creating and sharing connections between academic peers and experts in the Bangladeshi community. One can watch TV interviews, participate in workshops, submit article, and learn different things in a single website.
- ✓ Srijonshil.com is a good initiative for reducing discrimination in the educational sector. Students can learn by themselves by watching tutorial videos, giving model tests and getting current news. It provides support to everyone from school to university.

Initiatives for E-Learning in Bangladesh

- ✓ English in Action (EIA) is a unique international development project led and managed by BMB Mott McDonald, The Open University (UK) and The British Broadcast Corporation (BBC) World Service Trust. EIA provided extensive materials to primary teachers on MP3 players and mobile phone to assist them in implementing communicative language teaching (CLT) practices with their students.
- ✓ The Daily Star and Team Creative have jointly launched the country's first assessment website for school students called champs21.com to engage the Bangladeshi students in using the internet constructively and for education purposes.
- ✓ Wikimedia foundation has launched ‘Wikipedia Zero Project’ along with Mobile Phone Operator Banglalink that provides a free use of Wikipedia by using mobile.

Challenges of E-Learning

- Funding for ICT infrastructure development
- Design, develop enhance ‘seamless’ technical e-learning environment
- Promoting E-Learning Culture
- Computer literacy and access to equipment

E-Learning in BRTA

- What is your suggestions for developing curriculum and content for E-Learning in BRTA?

E-Filing

Introducing E-Filing

- ✓ FAQ
- ✓ User Manual
- ✓ Video Tutorial
- ✓ Online Course

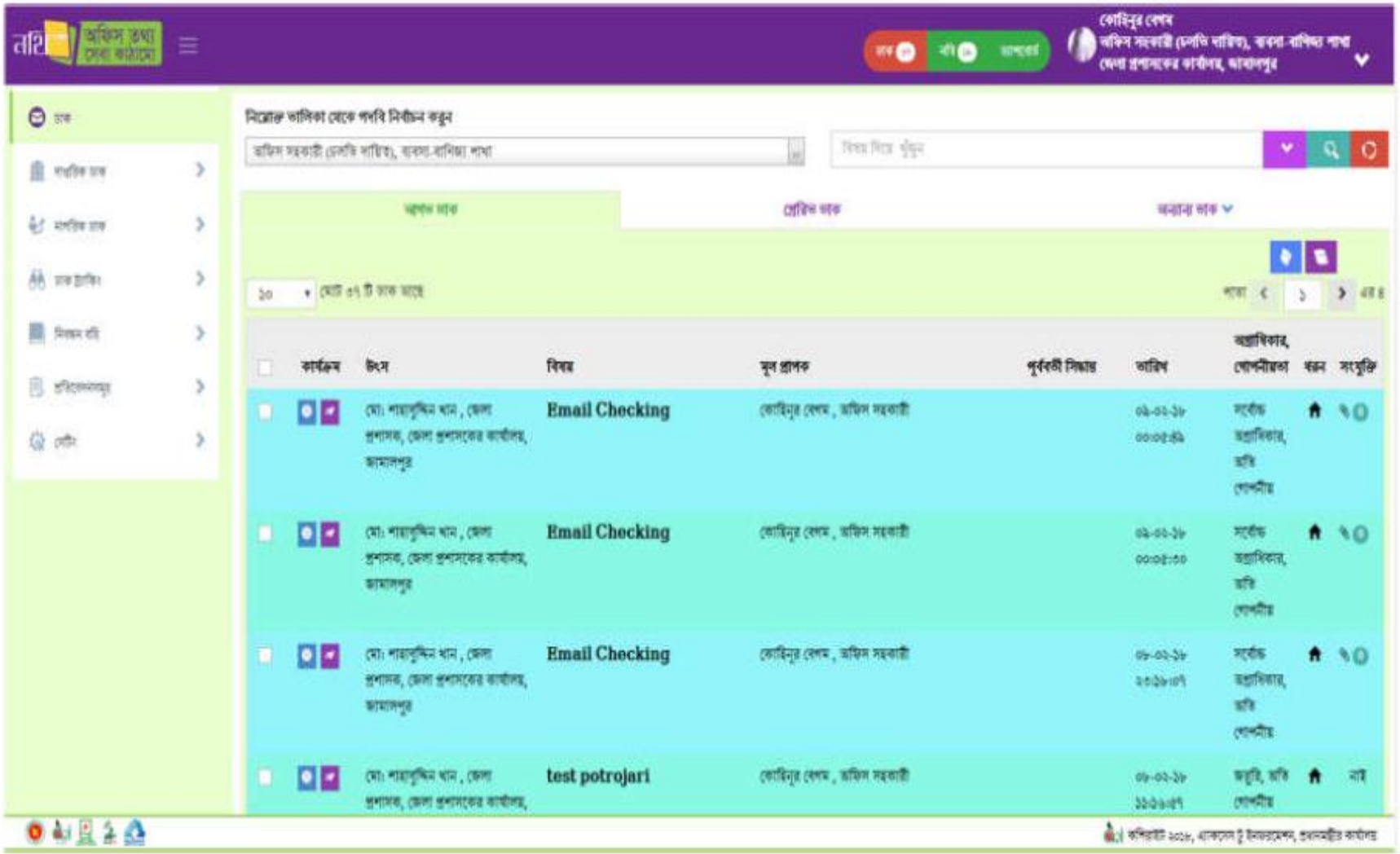
লগইন প্রক্রিয়া

ই-ফাইল সিস্টেমে প্রবেশ করার জন্য ব্রাউজারের এড্রেস বারে www.nothi.gov.bd লিখে "Enter" বাটনে ক্লিক করুন।



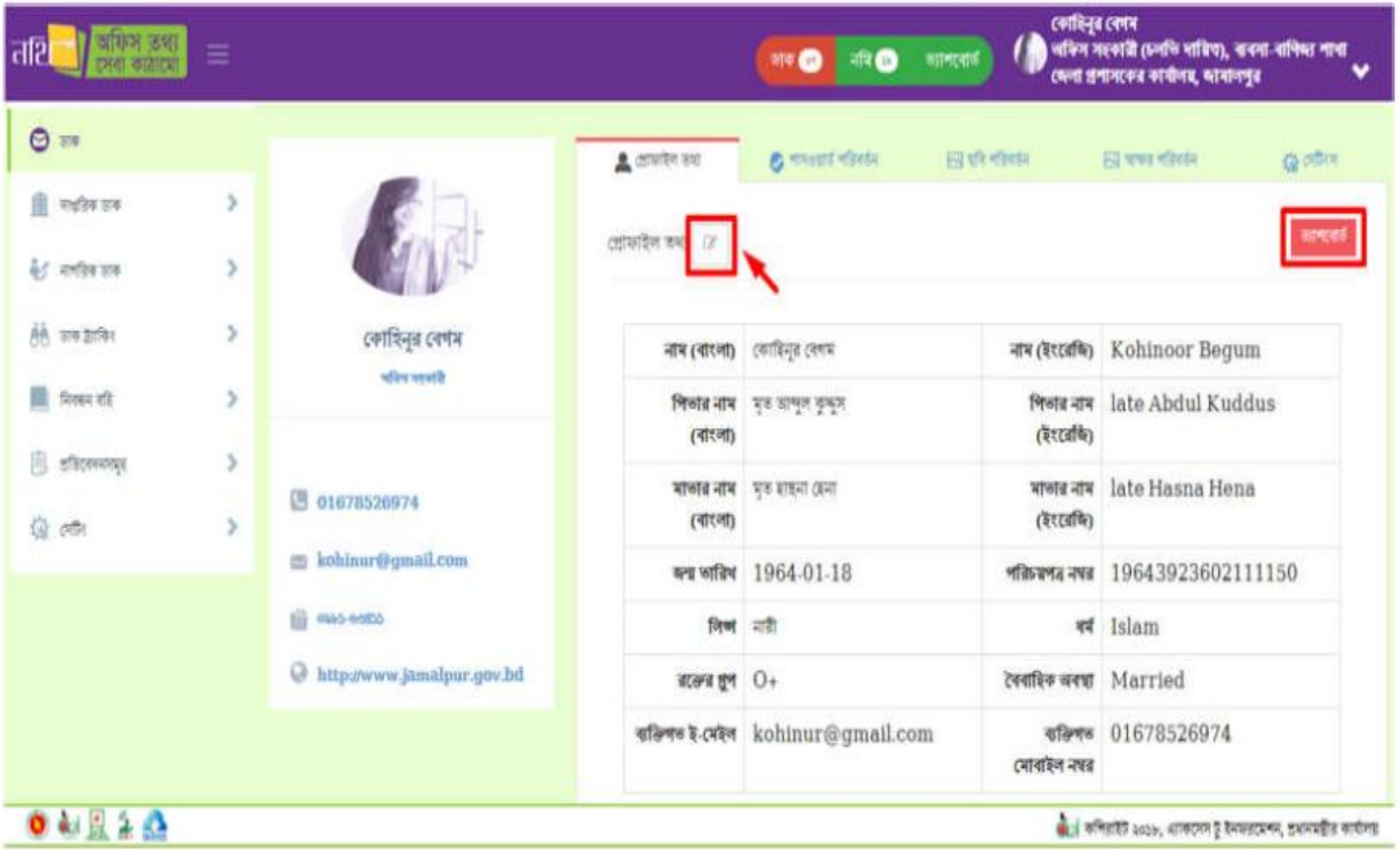
- **ব্যবহারকারীর ড্যাশবোর্ডঃ**

ব্যবহারকারী পুনরায় সঠিক ইউজার নেম এবং পাসওয়ার্ড প্রদান করলে সিস্টেমে প্রবেশ করতে পারবেন এবং নিচের পেইজটি দেখতে পারবেন।



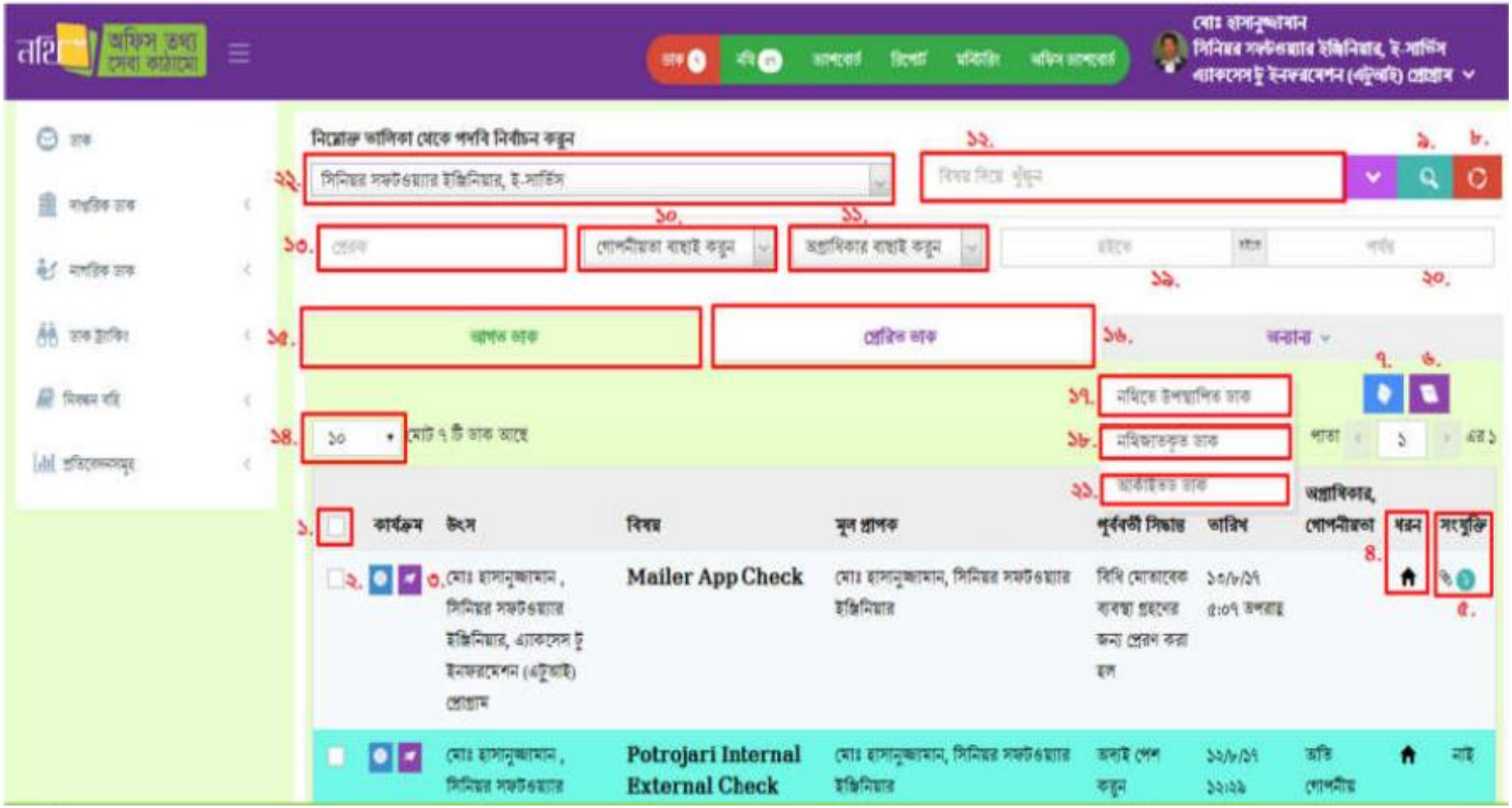
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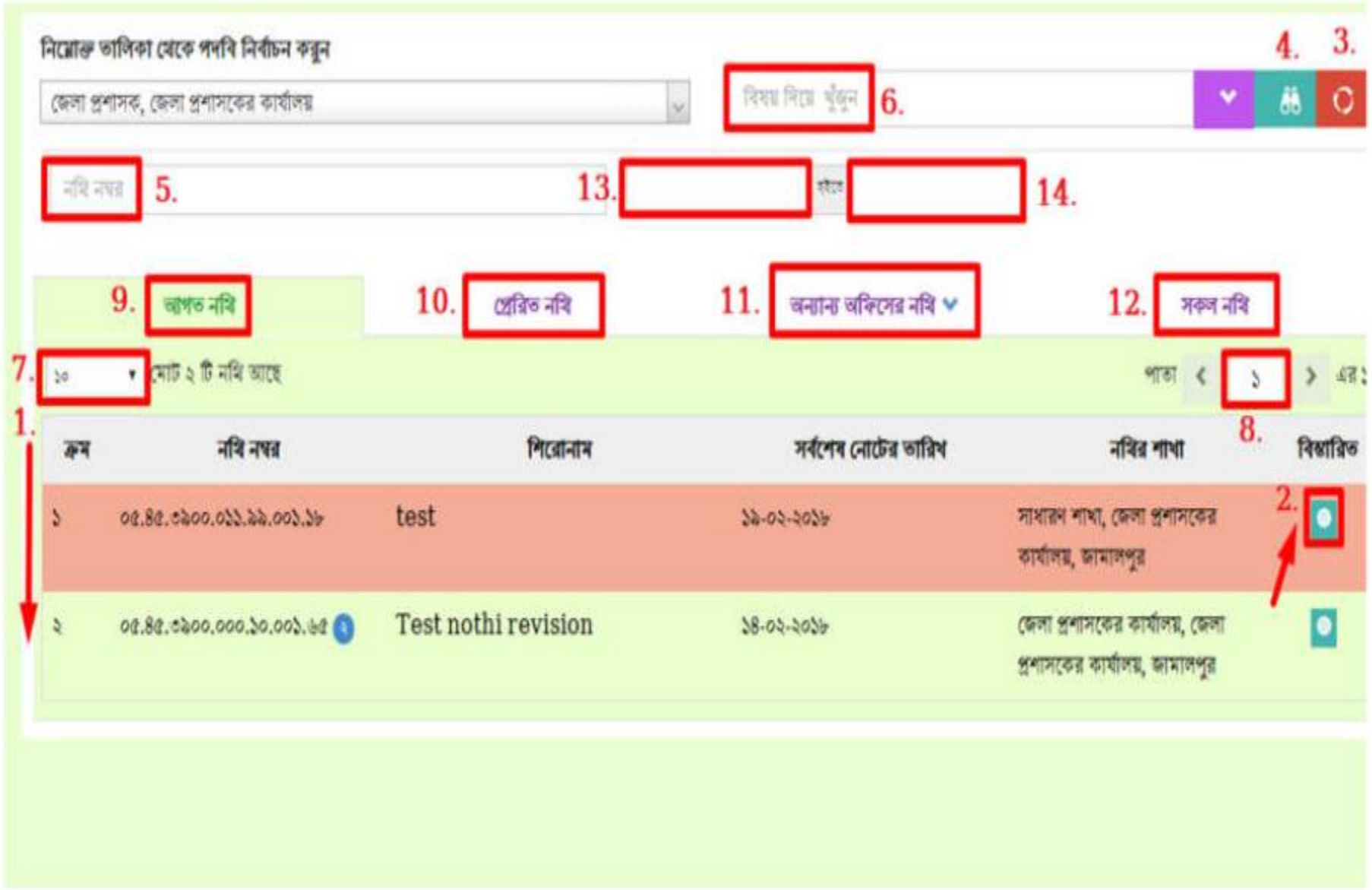


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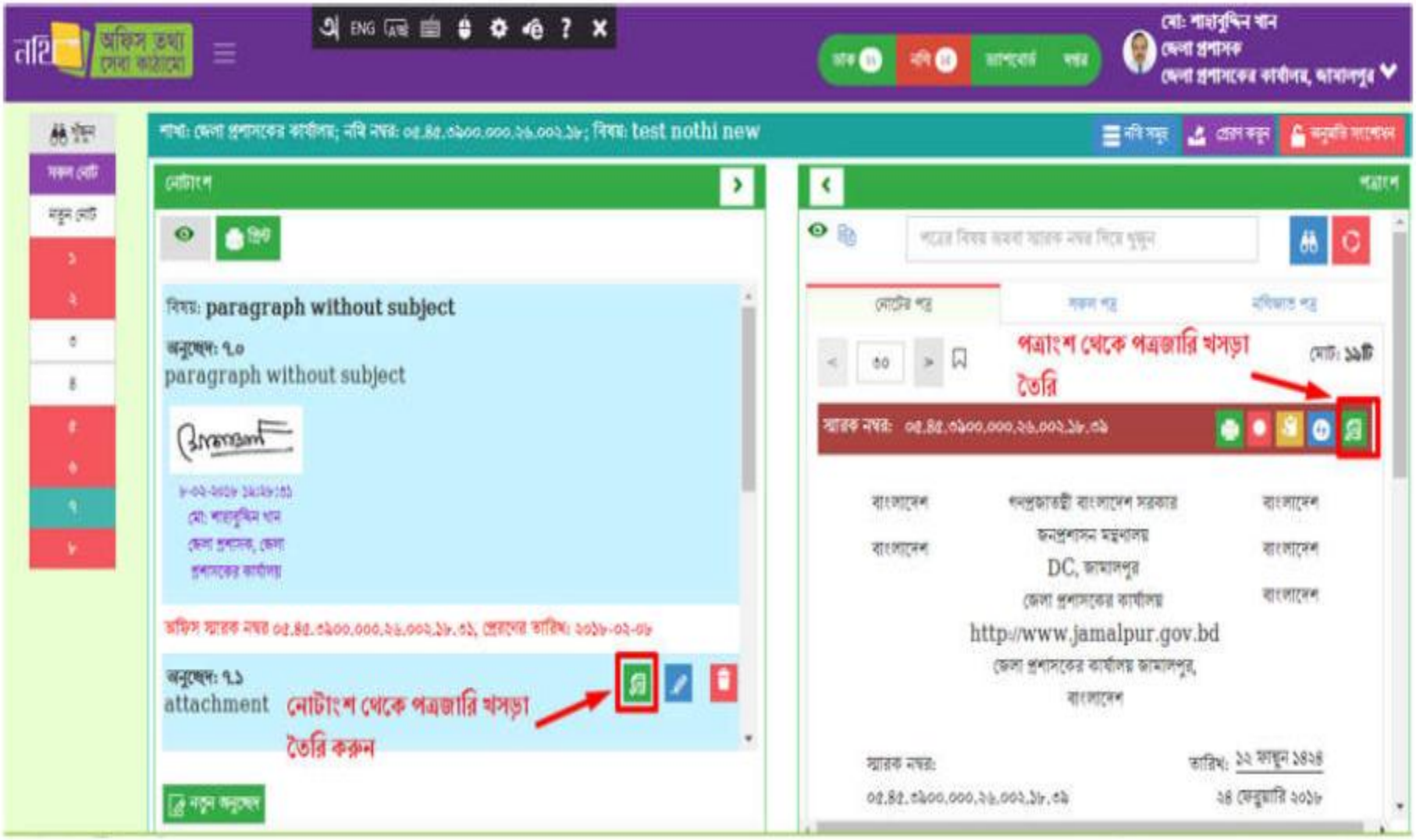
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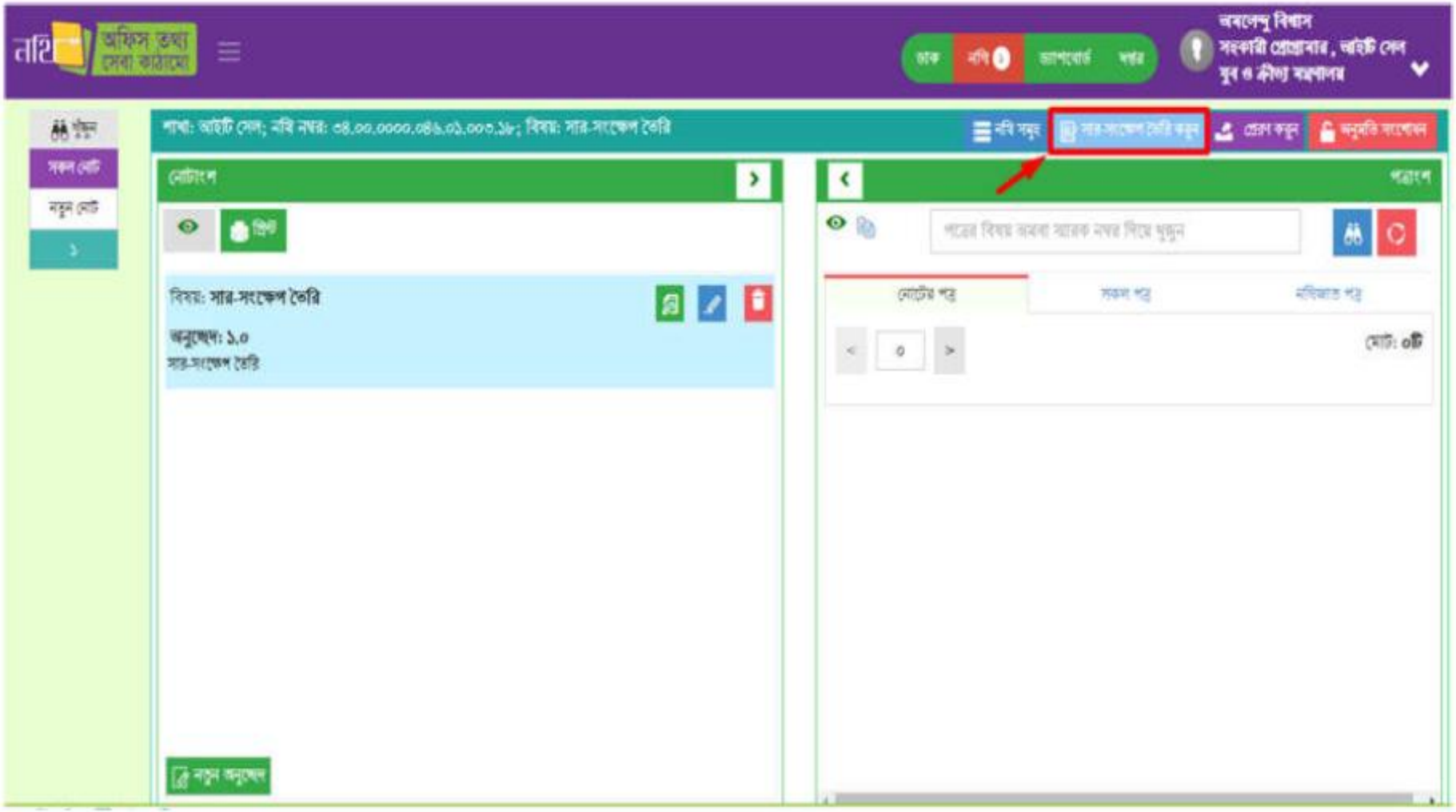
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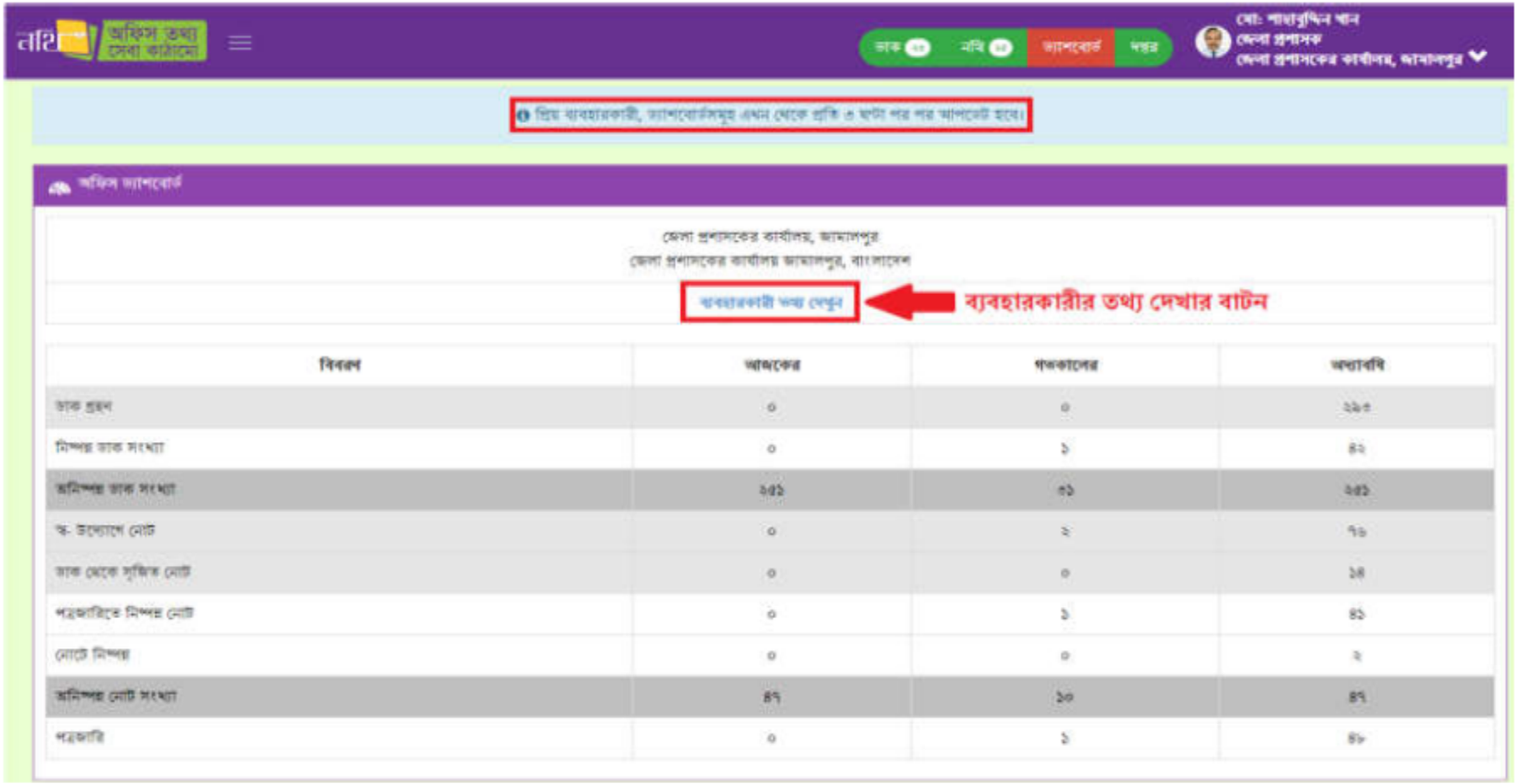
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http://www.jamalpur.gov.bd
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সার-সংক্ষেপ


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সহকারী প্রোগ্রামার, ওয়েব সেল
যুব ও ক্রীড়া মন্ত্রণালয়
শাখা: আইটি সেল; নথি নম্বর: ৩৪.০০.০০০০.০৪৬.০১.০০৩.১৮; বিষয়: সার-সংক্ষেপ তৈরি
নথি সমূহ
সার-সংক্ষেপ তৈরি করুন
প্রেরণ করুন
অনুমতি সংশোধন
সকল নোট
নতুন নোট
নোটাংশ
পত্রাংশ
বিষয়: সার-সংক্ষেপ তৈরি
অনুচ্ছেদ: ১.০
সার-সংক্ষেপ তৈরি
নতুন অনুচ্ছেদ
নোটের পত্র
সকল পত্র
নথিভুক্ত পত্র
মোট: ০টি

ড্যাশবোর্ড



Thank You