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Seat No **: 382**

Project ID **: 32**

Project title **:** VALUATION AUTOMATION

VALUATION AND AUTOMATION

Introduction:

1.1. Purpose:

The purpose of this document is to present a detailed description of valuation automation. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli.

1.2. Scope of Project:

- The automated answer paper valuation system aims to streamline the tracking of faculty work by automating the allocation and monitoring of roles such as Tabulators, Data Entry Operators, Chief Examiners, and Board Examiners. When a faculty member's name or ID is entered, the system will display detailed information about the type of work performed.

- In addition to enhancing efficiency and accuracy, the system offers significant time and cost savings for educational institutions. It reduces manual effort and improves transparency in tracking faculty work. Regular updates, training sessions, and helpdesk support will ensure smooth operation and user satisfaction..

2.1. Users

1. Faculty:

- Faculty members can view their work details by entering their name or faculty ID. This includes the type of work performed, the number of sessions completed, and the total cost incurred.

2. Admins:

- Admins can review faculty work details, approve or reject work submissions with remarks, manage the overall paper correction schedule, and access analytical dashboards for oversight.

2.2. Features

1. Login and Registration:

- Faculty can log in with their existing accounts to access their work details.

2. Work Submission:

- Faculty can input relevant details regarding their paper correction work, including the type of work performed (Tabulator, Data Entry Operator, Chief Examiner, Board Examiner), the number of papers corrected, sessions completed, and any necessary attachments. Upon completion, the work submission is sent to the admin interface for review and further processing.
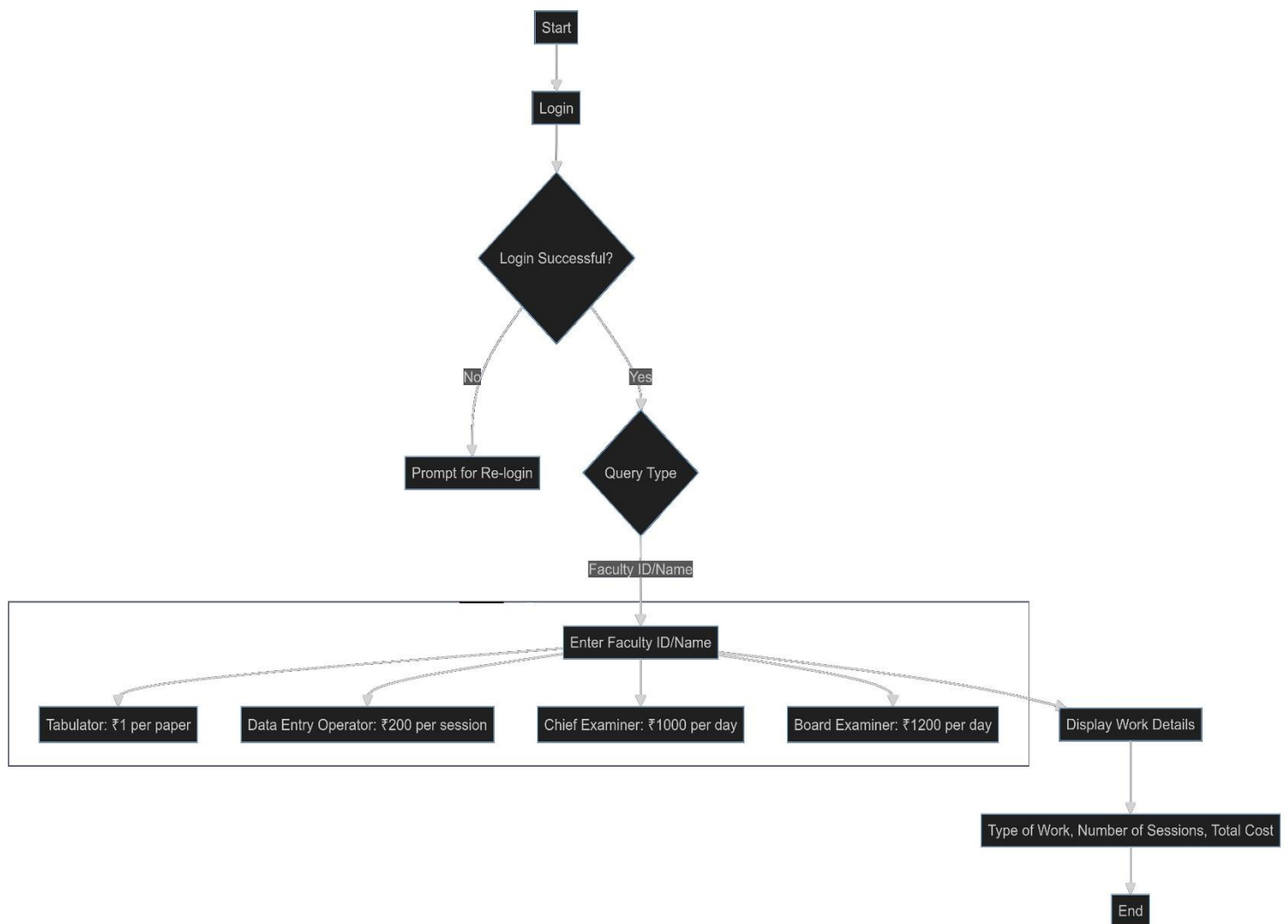
3. Work Status:

- Faculty can view the current status of their work submissions and also see the history logs in the Activity section.

4. Admin Access:

- Admins can view all submitted work details, approve or reject the work submissions with suitable remarks, and manage the overall paper correction schedule.

1.User (Faculty) Interface Flowchart

1. **Start and Login:** Users begin by logging into the system.
2. **Query Type:** After a successful login, users can query by entering their Faculty ID or name.
3. **Display Details:** The system displays work details, including the type of work done, the number of sessions, and the total cost.

```
                          Start
                            │
                            ▼
                          Login
                            │
                            ▼
                    ┌───────────────┐
                    │Login Successful?│
                    └───────────────┘
                      │           │
                     No          Yes
                      │           │
                      ▼           ▼
            ┌──────────────┐  ┌──────────┐
            │Prompt for    │  │Query Type│
            │Re-login      │  └──────────┘
            └──────────────┘       │
                            Faculty ID/Name
                                   │
                                   ▼
                          Enter Faculty ID/Name
```

| Tabulator: ₹1 per paper | Data Entry Operator: ₹200 per session | Chief Examiner: ₹1000 per day | Board Examiner: ₹1200 per day | Display Work Details |

Type of Work, Number of Sessions, Total Cost

End

2.Admin Interface Flowchart

1. **Start and Login:** Admins start by logging into the system.
2. **Enter Work Type:** After a successful login, admins enter the work type to view all members' details.
3. **Review Submissions:** Admins review work submissions, approve or reject them with remarks, and the status is updated accordingly.

```
                          Start
                            │
                            ▼
                          Login
                            │
                            ▼
                  ◆ Login Successful? ◆
                   │                 │
                  No               Yes
                   │                 │
                   ▼                 ▼
          Prompt for Re-login   Enter Work Type
                                     │
                                     ▼
                          Display All Members Details
                                     │
                                     ▼
                          Members, Sessions, Total Costs
                                     │
                                     ▼
                            Review Work Submissions
                                     │
                                     ▼
                            ◆ Approve or Reject ◆
                             │                 │
                          Approve           Reject
                             │                 │
                             ▼                 ▼
                    Approve with Remarks   Reject with Remarks
                             │                 │
                             └──────► End ◄────┘
```