Project: Real-Time Facial Recognition in Exam Proctoring Application

1. **Sprint Goal**

The core features for time-sensitive facial matching and safe login authentication need development within the exam proctoring system.

**2. Backlog Items**

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| Key | Summary | Description | Acceptance Criteria | Story Points |
| TASK-001 | User Login Implementation | Develop login page with backend authentication | User can log in with email and see the dashboard. | 5 |
| TASK-002 | Facial Recognition Model Integration | Implement real-time facial recognition using AI | System detects and verifies users via webcam. | 8 |
| TASK-003 | Exam Monitoring Dashboard | Develop a UI for proctors to monitor exams | Proctors can view live feeds and receive alerts. | 7 |
| TASK-004 | User Session Tracking | Track and log user activities during the exam | System logs user movements and triggers alerts if needed. | 6 |
| TASK-005 | Data Security Implementation | Secure biometric and login data | User data is encrypted and securely stored. | 6 |
| TASK-006 | AI Alert System for Cheating | Implement AI-based detection for unusual behavior | System detects multiple faces or unauthorized movements. | 8 |

**3. Team Assignments**

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| --- | --- | --- | --- |
| Task | Task Owner | Collaborators |  |
| TASK-001 | Sai Sidharth Narkatpally | Rajini Shankar Ramachandran |  |
| TASK-002 | Suchith Reddy | Sai Sidharth Narkatpally |  |
| TASK-003 | Praharsha Reddy beemidi | Suchith Reddy |  |
| TASK-004 | Rajini Shankar Ramachandran | Praharsha Reddy beemidi |  |
| TASK-005 | Sai Sidharth Narkatpally | All Members |  |
| TASK-006 | Suchith Reddy | Praharsha Reddy beemidi, Rajini Shankar Ramachandran |  |

**4. Effort Distribution**

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| --- | --- | --- | --- |
| Team Member | Tasks Assigned | Story Points | Focus Area |
| Sai Sidharth Narkatpally | TASK-001, TASK-005 | 11 | Frontend and Authentication |
| Rajini Shankar Ramachandran | TASK-002, TASK-006 | 16 | AI and Backend Development |
| Suchith Reddy | TASK-003, TASK-004 | 13 | UI/UX and Dashboard |
| Praharsha Reddy beemidi | TASK-004, TASK | 14 | Security and Monitoring |