Student Document Management System
Project Timeline

Phase 1: Project Setup & Core Configuration (3 days)
Tasks:
- Set up ASP.NET Core backend with Identity (AspNetUsers table extension)
- Create Angular frontend project skeleton
- Create Models & Entities
- Setup DbContext + EF Core Migrations (configure relationships, apply migrations, seed master data)
- Implement JWT authentication and role setup (Student, Admin)

Phase 2: Student Registration & Admin Approval (3 days)
Tasks:
- Build Student Registration form in Angular
- Implement backend API: POST /StudentAccount/register
    - Validate input
    - Create AspNetUsers record with Status = Pending
- Build Admin page for pending registrations:
    - View pending students
    - Approve / Reject functionality (update status)
- Display registration status on student frontend

Phase 3: Student Login & Access Control (1-2 days)
Tasks:
- Implement backend login API (POST /StudentAccount/login)
    - Return JWT + user info + Status
- Frontend behavior based on Status:
    - Approved → full access
    - Pending → login allowed, upload blocked
    - Rejected → login denied with message
- Protect routes in Angular based on approval status

Phase 4: Profile & Document Upload (4–5 days)
Tasks:
- Create student profile form (FullName, Phone, Address, Course etc.)
- Implement document upload component (select DocumentType)
- Backend API: POST /Student/profile-upload
    - Validate profile fields

- Validate file type and size
- Save files.
- Insert/update Student and Document tables (Status = Pending)
- Frontend: list uploaded documents with status (Pending/Approved/Rejected)
- Implement API to Download documents and API integration

Phase 5: Admin Document Approval / Rejection (3 days)
Tasks:
- Admin page for pending documents
- Approve/Reject each document with optional remarks
- Update Document table status in backend
- Frontend shows updated status to students and remarks for rejected documents
- Handle rejected documents for resubmission

Phase 6: Resubmission of Rejected Documents (2–3 days)
Tasks:
- Student sees rejected documents with remarks, visible as notification
- Re-upload corrected documents → backend updates Document table (Status = Pending)
- Admin can review newly uploaded documents

Phase 7: Profile Completion Calculation (1 day)
Tasks:
- Implement backend logic
    - (Number of approved documents / Total required documents) * 100%
- Frontend progress bar or percentage display and API Integration

Phase 8: Document Management for Admin(1–2 days)
- Admin page for viewing all students and their documents, and downloading documents.
- API to get all student, download documents, search and filter students

Phase 9: Student Profile for admin(1 day)
- Admin page for viewing student profile information.
- API to get details of a student by filter.

Phase 10: Dashboards(2 days)
- APIs for Admin and Student Dashboards
- Angular component for dashboard based on role
- API integration

Phase 11: Testing & Bug Fixing (3–4 days)
Tasks:
- Unit testing for APIs and services
- Functional testing of all flows (registration, login, upload, approval, rejection, resubmission)
- Fix issues & validate edge cases
- All flows verified

Total Duration: ~24–29 days

Milestone 1: Core Setup & User Onboarding

Covers: Phase 1–3 (7–8 days)
 Deliverables:

- Backend setup with models, DbContext, migrations, Identity, JWT
- Angular skeleton with auth service
- Student Registration & Admin approval flow (backend + frontend)
- Student login with role/status-based access
      -Outcome: A working system where students can register, admins can approve/reject, and students can log in depending on status.

Milestone 2: Profile & Document Workflow

Covers: Phase 4–7 (9–11 days)
 Deliverables:

- Student profile form & completion progress
- Document upload with type/size validation & DB integration
- Admin approval/rejection of documents with remarks
- Student notifications for rejected docs & resubmission workflow
      -Outcome: End-to-end profile completion and document management loop fully functional.

Milestone 3: Full Management & Dashboards

Covers: Phase 8–11 (8–10 days)
 Deliverables:

- Admin management: view/search/filter students, download documents
- Admin view of student profiles
- Role-based dashboards (Admin & Student)
- Theming, loaders, toasters, modals, UI refinements
- Testing, bug fixing, polishing
      -Outcome: Complete Document Management System with dashboards, smooth UX, and admin/student workflows fully functional.