

Dynamic Modelling: State and Sequence Diagrams for Job Portal

1. State Diagram: Job Posting Flow

States:

- Draft
- Pending Approval
- Approved
- Posted
- Edited
- Deleted

Transitions:

- Create -> Draft
- Submit -> Pending Approval
- Admin Approves -> Approved
- JobKeeper Posts -> Posted
- JobKeeper Edits -> Edited
- JobKeeper Deletes -> Deleted

2. Sequence Diagram: Post Job Sequence

Actors:

- JobKeeper
- System
- Admin

Sequence:

1. JobKeeper fills job details and submits.
2. System saves as 'Pending Approval'.
3. Admin reviews and approves.
4. System updates job status to 'Posted'.
5. Job is visible to JobSeekers.