```
idp-recommender/
    api/
        server.jl
    course_recommender_api.jl
        public/
    src/
    CourseRecommender.jl
    CareerPathPredictor.jl
    ActionRecommender.jl
    MentorMatcher.jl
        models.jl
        training.jl
        data.jl
    models/
    ncf_production.bson
    lstm_production.bson
    transformer_production.bson
    career_transition.bson
    skill_course_ncf.bson
    Data/
    Online_Courses.csv
    career_path_in_all_field.csv
    usa_job_posting_dataset.csv
    user_feedback.csv
    tests/
    notebooks/
    scripts/
    docs/
    Project.toml
    Manifest.toml
```