Service Layer

User Interface

FeedbackServiceImpl

-dao : FeedbackDao

+ getFeedbackByParticipantId(int id) : ArrayList(<Feedback>)

+ getFeedbackByTrainingId(int id) : ArrayList(<Feedback>)

+ getAllFeedbacks():ArrayList(<Feedback>)

+ addFeedback(Feedback feedback) : int

+ getDefaulters():ArrayList(<Feedback>)

+ defaultersFeedback(int month): ArrayList(<Feedback>)

+ facultyFeedback(int id, int month): ArrayList(<Feedback>)

+ joinTrainingWithFeed(int month): ArrayList(<Feedback>)

PartcipantHandler

- participant: Employee

- courseService : CourseService

- partcipantEService: ParticipantEnrollmentService

- choice : int

+ start(): void

- alreadyGiven(int trainingCode): boolean

- takefeedback(int trainingCode):Feedback

MainClass

-employeeService : EmployeeService

-choice : int

-empId: int

-password : String

+main(String args[]) : void

TrainingService

+ getTrainingById(int id): Training

+ getAllTrainings(): ArrayList(<Training>)

+ addTraining(Training training): Training

+ updateTraining(Training training): Training

+ deleteTraining(int id) : boolean

+getTrainingByFacultyId(int id): ArrayList(<Training>)

TrainingServiceImpl

-dao : TraningServiceImpl

+ getTrainingById(int id): Training

+ getAllTrainings(): ArrayList(<Training>)

+ addTraining(Training training): Training

+ updateTraining(Training training): Training

+ deleteTraining(int id) : boolean

+getTrainingByFacultyId(int id): ArrayList(<Training>)

ParticipantEnrollmentServiceImpl

-dao: PartcipantEnrollmentDao

+ getAllParticipantEnrollments() : ArrayList(<PartcipantEnrollment>)

+ addParticipantEnrollment(ParticipantEnrollment participantEnrollment): int

+ getParticipantEnrollmentByParticipantId(int id): ArrayList(<PartcipantEnrollment>)

+ getParticipantEnrollmentByTrainingId(int id): ArrayList(<PartcipantEnrollment>)

ParticipantEnrollmentService

+ getAllParticipantEnrollments() : ArrayList(<PartcipantEnrollment>)

+ addParticipantEnrollment(ParticipantEnrollment participantEnrollment): int

+ getParticipantEnrollmentByParticipantId(int id): ArrayList(<PartcipantEnrollment>)

+ getParticipantEnrollmentByTrainingId(int id): ArrayList(<PartcipantEnrollment>)

FeedbackService

+ getFeedbackByParticipantId(int id) : ArrayList(<Feedback>)

+ getFeedbackByTrainingId(int id) : ArrayList(<Feedback>)

+ getAllFeedbacks():ArrayList(<Feedback>)

+ addFeedback(Feedback feedback) : int

+ getDefaulters():ArrayList(<Feedback>)

+ defaultersFeedback(int month): ArrayList(<Feedback>)

+ facultyFeedback(int id, int month): ArrayList(<Feedback>)

+ joinTrainingWithFeed(int month): ArrayList(<Feedback>)

FacultySkillServiceImpl

-dao : FacultySkillDao

+ getFacultySkillById(int id) : FacultySkill

+ getAllFacultySkills(): ArrayList<FacultySkill>

+ addFacultySkill(FacultySkill facultySkill) : FacultySkill

+ updateFacultySkill(FacultySkill facultySkill)) : FacultySkill

+ deleteFacultySkill(int id) : boolean

FacultySkillService

+ getFacultySkillById(int id) : FacultySkill

+ getAllFacultySkills(): ArrayList<FacultySkill>

+ addFacultySkill(FacultySkill facultySkill) : FacultySkill

+ updateFacultySkill(FacultySkill facultySkill)) : FacultySkill

+ deleteFacultySkill(int id) : boolean

EmployeeServiceImpl

-dao : EmployeeDao

+ getCourseById(int id) : Course

+ getAllCourse() : ArrayList<Course>

+ addCourse(Course course) : Course

+ updateCourse(Course course) : Course

+ deleteCourse(int id) : boolean

EmployeeService

+ getEmployeeById(int id): Employee

+ getEmployeeByName(String name): Employee

+ getAllEmployees() : ArrayList<Employee>

+addEmployee(Employee emp): Emlpoyee

+ updateEmpyee(Employee emp) : Employee

+ deleteEmployee(int id) : boolean

CourseServiceImpl

-dao : CourseDao

+ getCourseById(int id) : Course

+ getAllCourse() : ArrayList<Course>

+ addCourse(Course course) : Course

+ updateCourse(Course course) : Course

+ deleteCourse(int id) : boolean

CourseService

+ getCourseById(int id) : Course

+ getAllCourse() : ArrayList<Course>

+ addCourse(Course course) : Course

+ updateCourse(Course course) : Course

+ deleteCourse(int id) : boolean

AdminHandler

- courseService: CourseService

- partcipantEService: ParticipantEnrollmentService

- trainingService: TrainingService

- feedbackService : FeedbackService

- employeeService: EmployeeService

- choice: int

+ start(): void

- displayCourseMainPage(): void

- editCourse(Course course) : void

- displayFeedbackReportPage() : void

- viewFeedBack() : void+ start(): void

- displayCourseMainPage(): void

- editCourse(Course course) : void

- displayFeedbackReportPage() : void

- viewFeedBack() : void

- AverageFeedback() : void

- facultyWiseAverageFeedback() : void

- feedbackDefaulters() : void

- displayFacultySkillPage(): void

- addTrain() : void

- AverageFeedback() : void

- facultyWiseAverageFeedback() : void

- feedbackDefaulters() : void

- displayFacultySkillPage(): void

- addTrain() : void

CoordinatorHandler

- coordinator: Employee

- trainingService: TrainingService

- partcipantService: ParticipantEnrollmentService

- feedbackService: FeedbackService

- employeeService: EmployeeService

- choice: int

+ start(): void

- viewFeedbackReport( ): void

- feedbackDefaulters( ): void

- facultyWiseAverageFeedback() : void

- viewFeedBack() : void

- AverageFeedback() : void

-- addTrain() : void

- participantEnrollment() : void

- viewParticipantEnrollment() : void

- searchByTrainingId() : void

-searchByParticipantId() : void

- addParticipantEnrollment() : void

- trainingProgramMaintenance() : void

-searchTrainingProgram() : void

- updateTrainingProgram() : void

- deleteTrainingProgram() : void

- viewTrainingProgram() :void

- addTrainingProgram() : void- feedbackDefaulters() : void

- displayFacultySkillPage(): void

- addTrain() : void

- AverageFeedback() : void

- facultyWiseAverageFeedback() : void

- feedbackDefaulters() : void

- displayFacultySkillPage(): void

- addTrain() : void