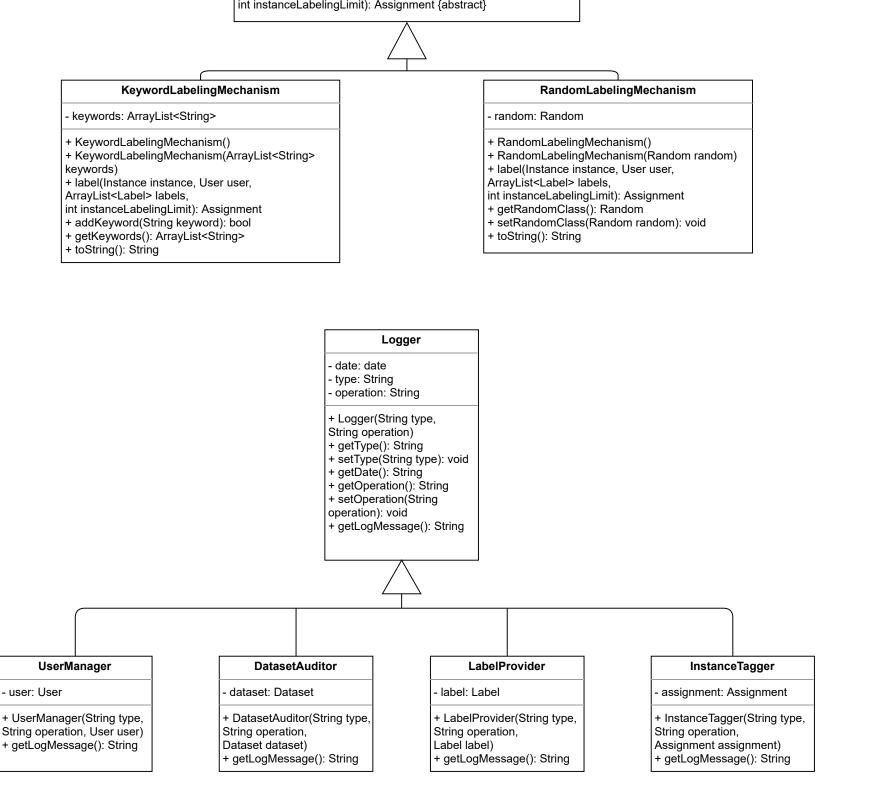
Design Class Diagram id: int - name: String contains type: String labelsconsistencyCheckProbability: double + User(int id, String name, **Dataset** String type) + getId(): int id: int + getName(): String name: String + getType(): String instanceLabelingLimit: int + setId(int id): void · labels: ArrayList<Label> **Assignment** + setName(String name): void instances: ArrayList<Instance> + setType(String type): void users: ArrayList<User> · instance: Instance + getConsistencyCheckProbability(): double assignments: ArrayList<Assignment> classLabellds: ArravList<Label> + setConsistencyCheckProbability():double user: User + toString(): String + Dataset(int id, String name, int instanceLabellingLimit) datetime: LocalDateTime + getUsers (ArrayList<Logger> logs): ArrayList<User> + Dataset() + exportUserMetrics(ArrayList<Dataset> datasets): void + exportOutput(): boolean + calculateSD(ArrayList<Double> doubleArray): double + addLabel(Label label): bool + Assignment(Instance instance, User + addInstance(Instance instance):bool user, ArrayList<Label> labelIds) Label + addAssignment(Assignment + Assignment(Instance instance, User assignment):bool id: int + addUser(User user): bool + addLabel(Label label): bool text: String + getId(): int has-+ getInstance(): Instance + getName(): String + getLabels(): ArrayList<Label> + Label(int id, String text) + getInstanceLabelingLimit(): int + getUser(): User -contains-+ getId(): int + getLabels(): ArrayList<Label> + getDateTime(): String + setId(int id): void + getInstances(): ArrayList<Instance> + setInstance(Instance instance): void + getText(): String + getUsers(): ArrayList<User> + setUser(User user): void + setText(String text): void + getAssignments(): ArrayList<Assignment> + setDateTime(LocalDateTime date): void + toString(): String + setId(int id): void + toString(): String + setName(String name): void + setInstanceLabelingLimit(int limit): void Instance + setUsers(ArravList<User>): void + setLabels(ArrayList<Label>): void - id: int has + setInstance(ArrayList<Instance>):void instance: String + setAssignment(ArrayList<Assignment>):void + toString(): String + Instance(int id, + runDataset(DatasetReadModel model, ArrayList<Dataset> allDatasets, ArrayList<Logger> logs): Dataset String instance) + exportDatasetMetrics(): void + getId(): int + setId(int id): void + exportInstanceMetrics(): void + getInstance(): String 1 + setInstance(String -contains instance): void + toString(): String

+ label(Instance instance, User user,
ArrayList<Label> labels,



DatasetReadModel

- id: Integer - name: String
- filePath: String
- isCurrentDataset: boolean - users: ArrayList<User>
- + DatasetReadModel(Integer id, String name, String filePath, boolean isCurrentDataset, ArrayList<User> users)
- + DatasetReadModel(Integer id, String name, String filePath, boolean isCurrentDataset)
- + DatasetReadModel()
- + getId(): Integer
- + setId(Integer id): void
- + getName(): String + setName(String name): void
- + getFilePath(): String
- + setFilePath(String filePath): void
- + getCurrentDatasetStatus(): boolean
- + setCurrentDatasetStatus(boolean
- isCurrentDataset): void
- + getUsers(): ArrayList<User>
- + addUser(User user): void
- + toString(): String
- +getDatasets(ArrayList<User> users): ArrayList<DatasetReadModel>