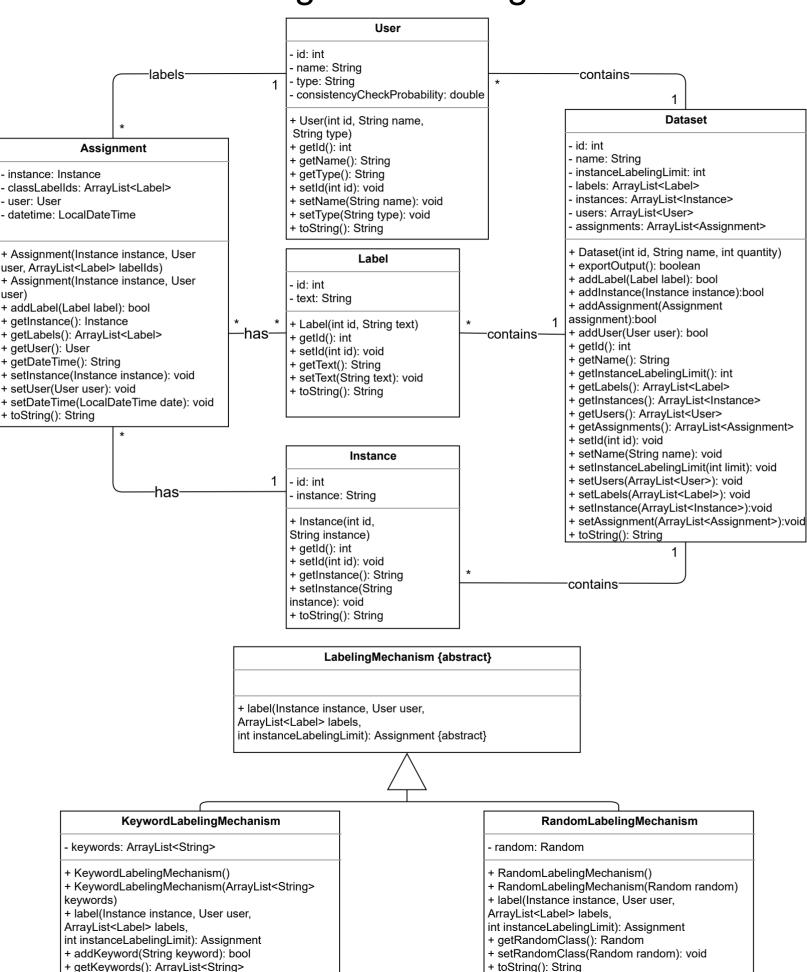
# Design Class Diagram



+ toString(): String

#### Logger

- date: date - type: String
- operation: String
- + Logger(String type, String operation)
- + getType(): String
- + setType(String type): void
- + getDate(): String
- + getOperation(): String
- + setOperation(String
- operation): void
- + getLogMessage(): String

## UserManager

- user: User
- + UserManager(String type, String operation, User user)
- + getLogMessage(): String

#### **DatasetAuditor**

- dataset: Dataset
- + DatasetAuditor(String type, String operation, Dataset dataset)
- + getLogMessage(): String

#### LabelProvider

- label: Label
- + LabelProvider(String type, String operation, Label label)
- + getLogMessage(): String

### InstanceTagger

- assignment: Assignment
- + InstanceTagger(String type, String operation,
- Assignment assignment)
- + getLogMessage(): String

#### 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)
- + 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