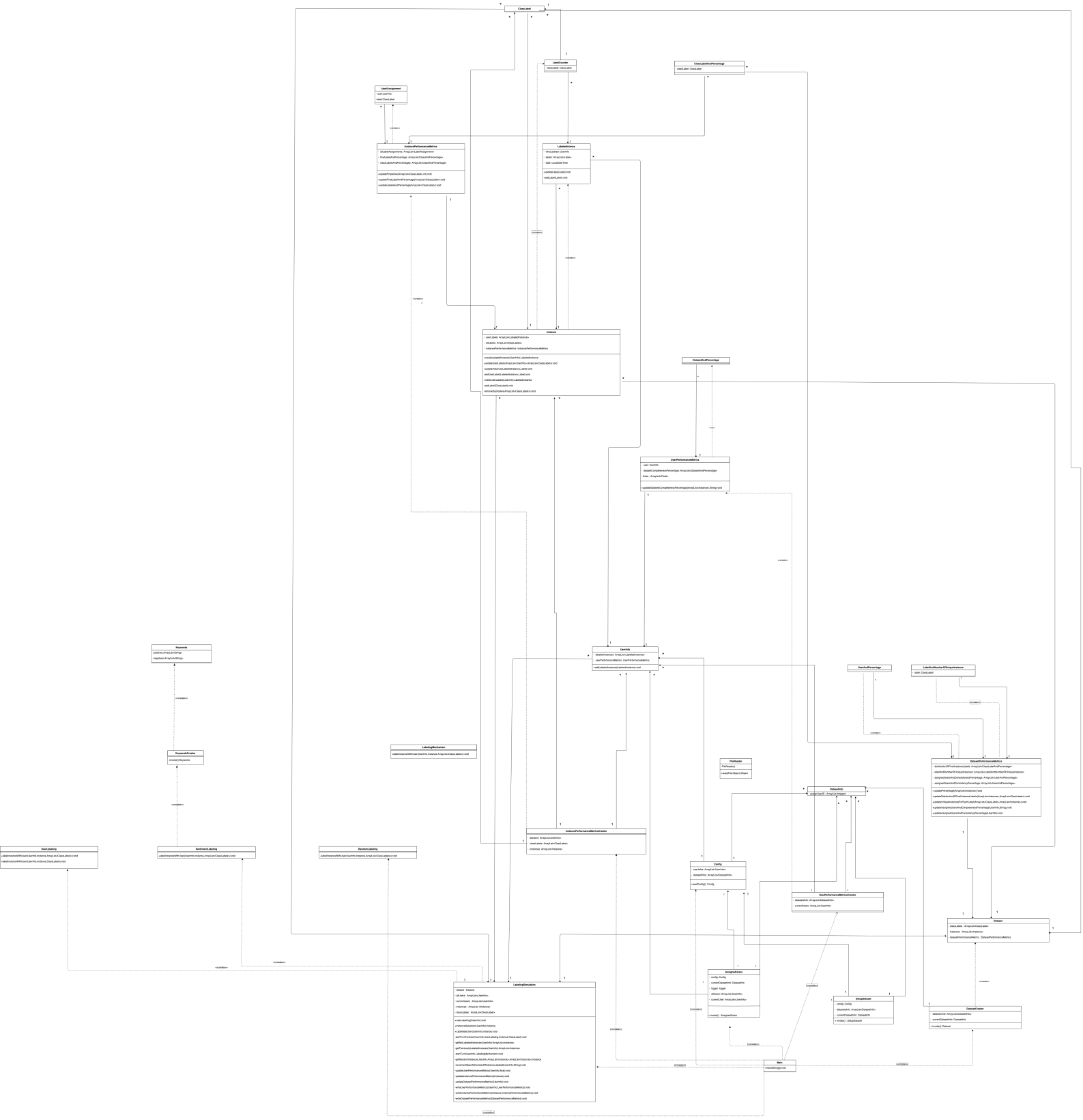
ClassLabel
LabelCreator
- classLabel : ClassLabel
ClassLabelsPercentage
- classLabel : ClassLabel
LabelAssignment
- user:UserInfo
- label:ClassLabel
InstancePerformanceMetrics
- allLabelAssignments : ArrayList<LabelAssignment>
- trueLabelsAndPercentage : ArrayList<ClassAndPercentage>
- classLabelsAndPercentages : ArrayList<ClassAndPercentage>
+updatePrivateIns(int[ins],int[ClassLabel],int) void
+updateFinalLabelsAndPercentages(ArrayList<ClassLabel>) void
+updateLabelsAndPercentages(ArrayList<ClassLabel>) void
LabeledInstance
- whoLabeled : UserInfo
- labels : ArrayList<Label>
- date :LocalDateTime
+ updateLabel(Label,Label) void
+ addLabel(Label,Label) void
Instance
- userLabel : ArrayList<LabeledInstance>
- allLabels : ArrayList<ClassLabel>
- instancePerformanceMetrics: InstancePerformanceMetrics
+ cloneLabeledInstance(UserInfo):LabeledInstance
+ updateUserLabels(ArrayList<UserInfo>, Array[int]ClassLabel) void
+ updateInstanceLabel(LabeledInstance,Label) void
+ addUserLabel(LabeledInstance,Label) void
+ hasUserLabel(UserInfo):LabeledInstance
+ addLabel(ClassLabel) void
+ removeLabel(labels:ArrayList<ClassLabel>) void
DatasetAndPercentage
UserPerformanceMetrics
- user: UserInfo
- datasetCompletenessPercentage: ArrayList<DatasetAndPercentage>
- lines : ArrayList<Pixel>
+ updateDatasetCompletenessPercentage(int[],int,instances:,String) void
Keywords
- positive:ArrayList<String>
- negative:ArrayList<String>
KeywordsCreator
+ invoke():Keywords
UserInfo
- labeledInstances: ArrayList<LabeledInstance>
- userPerformanceMetrics: UserPerformanceMetrics
+ addLabeledInstance(LabeledInstance) void
UserAndPercentage
LabelandNumberOfUniqueInstance
- label: ClassLabel
LabelingMechanism
+ labelInstance(WRR:User[]:setInfo,Instance,ArrayList<ClassLabels>) void
FileReader
- FileReader()
+ readFile:Object:Object
DatasetInfo
- assignedUsers[] : Array[List<Integer>]
DatasetPerformanceMetrics
- distributionOfPredInstance[],labels :ArrayList<ClassLabelsAndPercentage>
- labelsNumberOf(,int,uniqueInstance: ArrayList,LabelandNumberOfUniqueInstance>
- assignedUsersAndCompletenessPercentage: ArrayList<ClassAndPercentage>
- assignedUsersAndCorrectness:ArrayList<UserAndPercentage>
+ updatePercentage(ArrayList<Instances>) void
+updateDistributionOfPredInstance(int,labels,String[],Instances:,Array List<ClassLabels>) void
+ updateLinesInstanceFor(Point,labels[Array]List<ClassLabels>,Array List<Instances>) void
+ updateAssignedUsersAndCompletenessPercentage(UserInfo,String) void
+ updateAssignedUsersAndCorrectnessPercentage(UserInfo,int[]) void
UserLabeling
+ labelInstance(WRR:User[]:setInfo,Instance,ArrayList<ClassLabels>) void
+ labelInstance(WRR:User[]:setInfo,Instance,Class[],labels) void
SentimentLabeling
+ labelInstance(WRR:User[]:setInfo,Instance,ArrayList<ClassLabels>) void
RandomLabeling
+ labelInstance(WRR:User[]:setInfo,Instance,Array List<ClassLabels>) void
InstancePerformanceMetricsCreator
- allUsers: Array List<UserInfo>
- classLabels: Array List<ClassLabel>
- Instances: Array List<Instance>
Config
- userInfos: Array List<UserInfo>
- datasetInfos: Array List<DatasetInfo>
+readConfig(): Config
UserPerformanceMetricsCreator
- datasetInfo: Array List<DatasetInfo>
- currentUsers: Array List<UserInfo>
Dataset
- classLabels : Array List<ClassLabel>
- Instances : Array List<Instance>
- DatasetPerformanceMetrics : DatasetPerformanceMetrics
LabelingSimulation
- Dataset : Dataset
- allUsers : Array List<UserInfo>
- currentUsers : Array List<UserInfo>
- Instances : Array List <Instance>
- classLabel : Array List<ClassLabel>
+ startLabeling(UserInfo) void
+ instanceSelection(UserInfo):Instance
+ updateSelectionUsers(int,Instance) void
+ askTheHumanUser(UserInfo,User,Labeling,Instance,ClassLabel) void
+ getNextLabeledInstance(UserInfo,Array List<Instance>
getPreviouslyLabeledInstance(UserInfo):Array List<Instance>
+ doATurn(UserInfo,LabelingMechanism) void
+ getNeutralInstance(UserInfo,Array List,int[Instance>,Array List,int[Instance>):Instance
+ incrementSpecificNoteOfInstance(LabeledUserInfo,String) void
+ updateUserPerformanceMetrics(UserInfo,float) void
+ updateInstancePerformanceMetrics(Instance) void
+ updateDatasetPerformanceMetrics(UserInfo) void
+ writeUserPerformanceMetrics(UserInfo,UserPerformanceMetrics) void
+ writeInstancePerformanceMetrics(Instance,InstancePerformanceMetrics) void
+ writeDatasetPerformanceMetrics(DatasetPerformanceMetrics) void
AssignedUsers
- config: Config
- currentDatasetInfo: DatasetInfo
- logger: logger
- allUsers: Array List<UserInfo>
- currentUser: Array List<UserInfo>
+ invoke() : AssignedUsers
SetupDataset
- config: Config
- datasetInfo: Array List<DatasetInfo>
- currentDatasetInfo: DatasetInfo
+ invoke() : SetupDataset
DatasetCreator
- datasetInfo: Array List<DatasetInfo>
- currentDatasetInfo: DatasetInfo
+ invoke() : Dataset
Main
+ main(String[]) void
extends
implements
invokes
uses
creates
contains
updates