

Changelog

1. Changes in UML domain model

Actor

- Remove @NotBlank annotation in address attribute.
- Actor::fullname added as transient attribute.

Application

- Remove @Pattern(regex = "^(?!\\s*\$).+") annotation in handyWorkerComments and customerComments attribute.

Finder

- Remove @Pattern(regex = "^(?!\\s*\$).+") annotation in keyWorker, category and warranty attribute.

Message

- Remove attribute "isSpam".

2. Changes in JAVA domain model

Actor

- Actor::fullname added as transient attribute, that is, it not persists in the database. Now, list and display views show full name of actors in a unique column instead of show name, surname and middle name in different columns.
- Delete 'abstract'.
- Delete address's pattern because it force to not leave the field in blank.

Application

- Remove @Pattern(regex = "^(?!\\s*\$).+") annotation in handyWorkerComments and customerComments attribute so that this field can be empty.

Category

- Category::categoryName added as transient attribute, that is, it not persists in the database.

Finder

- Remove @Pattern(regex = "^(?!\\s*\$).+") annotation in keyWorker, category and warranty attribute so that this field can be empty.

Message

- Remove attribute "isSpam".

3. Changes in populateDatabase.xml

- Now, the messages don't have the "isSpam" attribute.
- Update attributes Customisation::languages and every CategoryTranslation::language. It changes the name of each language: "Español" -> "es" and "Ingles" -> "en".
- Update attributes HandyWorker::isBanned to allow to ban/unban them if they're suspicious.
- Created 'Sponsor 2' and 4 new system box.
- Changed some dates of the attributes startDate and endDate of the fixUpTask to be able to perform better tests on the apply of fix up task.
- Changed the attributes pictures of section and banner of sponsorship to be links to real photos.
- Created section4, section5, section6, section7 and section8 to be able to perform better tests.
- Created sponsorship4 and sponsorship5 to be able to perform better tests.

4. Changes in Repositories

ActorRepository

- ActorRepository::findActorByEmail has been created to check if the email exist to not allow to repeat it.

ApplicationRepository

- ApplicationRepository::findDataOfApplicationPerFixUpTask has been moved to this repository.
- ApplicationRepository::findApplicationByHandyWorker has been added. We need this to paginate the application of a specific handy worker.
- ApplicationRepository::findApplicationByFixUpTask has been added. We need this to paginate the application of a specific Fix-Up Task.
- ApplicationRepository::findApplicationByHWFixUpTask has been added. We need to know the applications of a specific Fix-Up Task and handy worker.

ComplaintRepository

- `ComplaintRepository::findByCustomerPrincipal` has been removed. We won't use this query anywhere.
- `ComplaintRepository::findByFixUpTaskId` has been added. We need this to paginate the complaints of a specific Fix-Up Task.
- `ComplaintRepository::findIdByReportId` has been added, which retrieves the id of the complaint associated with the report passed as parameter.
- `ComplaintRepository::findInvolvedByHandyWorkerId` has been modified. Now we define the value query and the count query for pagination. We needed to change the value query due to technologies issues.
- `ComplaintRepository::findDataNumberComplaintPerFixUpTask` has been added. This query is necessary for the Dashboard.

EndorsableRepository

- `EndorsableRepository::findEndorsableWithReceivedEndorsements` added. It's return those endorsable actos with at least one received endorsements.

EndorsementRepository

- `EndorsementRepository::findEndorsementsByEndorsable` has been added. There was a bug in `EndorsableService::computeScore` that has been solved with this query.

FixUpTaskRepository

- `FixUpTaskRepository::findWorkableFixUpTasks` has been renamed to `FixUpTaskRepository::findWorkableFixUpTask`. Now this method returns the Fix-Up Task corresponding to the id passed as parameter, only if the Handy Worker passed as parameter has an Application accepted of this Fix-Up Task. In either case, returns null.
- `FixUpTaskRepository::findIdByPhaseId` has been added, which retrieves the id of the fix-up task associated with the phase passed as parameter.
- `FixUpTaskRepository::findByCustomerId` has been added. This query returns the Fix-Up Tasks created by the customer principal.
- `FixUpTaskRepository::findWorkableByHandyWorkerPrincipal` has been added. This query retrieves the Fix-Up Tasks in which the Handy Worker principal is involved.

NoteRepository

- `NoteRepository::findByReportId` has been added. We use this query to paginate the notes of a particular report.

PhaseRepository

- PhaseRepository::findByFixUpTaskIdOrdered has been renamed to PhaseRepository::findByFixUpTaskId. Now we define the value query and the count query for pagination. We needed to change the value query due to technologies issues. We also do not order Phases directly any more .

RefereeRepository

- RefereeRepository::findHandlerByComplaintId has been added. We need this query to know the Referee who has assigned the Complaint passed.
- ReportRepository::findIdByNotelId has been added. We use this query to obtain the id of the corresponding report of a particular note.

TutorialRepository

- TutorialRepository::findTutorialByHandyWorker has been added. We need this to paginate the tutorial of a specific handy worker.
- TutorialRepository::findAllTutorialPageable has been added. We need this to paginate all tutorial.

WarrantyRepository

- WarrantyRepository::findFinalWarranties has been added. This query retrieves all warranties which are in final mode.

5. Changes in Services

General

- this.utilityService.checkIsSpamMarkAsSuspicious line has been added in the following methods in order to mark the actor principal as suspicious if he publishes some data with a spam word:
 - ActorService::save
 - ComplaintService::save
 - FixUpTaskService::save
 - NoteService::checkBannedActorMarkAsSuspicious
 - PhaseService::checkOwner
 - ReportService::save
 - WarrantyService::save
- this.utilityService.checkActorIsBanned(principal) line has been added in the following methods in order to make the system more secure not allowing banned actors to do some actions in the system:
 - ActorService::save

- ActorService::changeBan
- ActorService::markAsSuspicious
- ActorService::existEmail
- ComplaintService::save
- ComplaintService::addFixUpTask
- FixUpTaskService::save
- FixUpTaskService::delete
- NoteService::checkBannedActorMarkAsSuspicious
- PhaseService::checkOwner
- ReportService::save
- ReportService::delete
- ReportService::isPrincipalCreator
- WarrantyService::save
- WarrantyService::delete
- WarrantyService::makeFinal

ApplicationService

- ApplicationService::create an assert has been added to verify that the handy worker has no more application for that fix.
- ApplicationService::save the assert checking that the status of the application was pending has been removed. Two if have been added differentiating when saving a handy worker or a customer
- ApplicationService::removeApplicationToFixUpTask and ApplicationService::removeApplicationToHandyWorker has been removed because we did not use it.

CategoryService

- CategoryService::save and CategoryService::delete has little changes to improve efficient.

ComplaintService

- Now in ComplaintService::create we initialize Complaint::moment and not in ComplaintService::save.
- Now in ComplaintService::save we check the URLs of Complaint using UtilityService::checkAttachments.
- ComplaintService::findByCustomerPrincipal has been removed. We won't use this method anywhere.
- ComplaintService::findByFixUpTaskId has been added. We need this to paginate the complaints of a specific Fix-Up Task.
- ComplaintService::findNotSelfAssigned has been renamed to ComplaintService::findNotAssigned.
- ComplaintService::isAssigned has been added. We need this method to know if a complaint is already assigned to a Referee or not.

- ComplaintService::findInvolvedByHandyWorkerId has been renamed to ComplaintService::findInvolvedByHandyWorkerPrincipal. HandyWorkerId parameter has been deleted too, because it is not necessary.
- ComplaintService::findIdByReportId has been added, which retrieves the id of the complaint associated with the report passed as parameter.
- ComplaintService::findDataNumberComplaintPerFixUpTask has been added. We need this method for the Dashboard.

CurriculumService

- CategoryService::findRootCategory is now a public method because it is invoked in CategoryAdministratorController::display.
- CategoryService::categoriesByLanguage has been created. This method allows internationalize the category's name.
- CurriculumService::findOne has changed visibility to 'public'.

EducationRecordService

- EducationRecordService::findOne has changed visibility to 'public'.

EndorsableService

- EndorsementService::findAll has been added. Administrators needs to compute score for every customer and handy worker. To do this operation, the administrators must be able to list customers and handy workers in a same view.
- EndorsementService::computingScoreProcess added to satisfy requirement 50.1.
- EndorsementService::computeScore has been modified because of a bug. When an Endorsement::comment has not positive words (p) and negative words (n): $\text{Max}(n,p) = 0$. Then, the operation $(n-p)/\text{max}(n,p)$ failed.

EndorserRecordService

- EndorserRecordService::findOne has changed visibility to 'public'.

FinderService

- FinderService::Search the if else was deleted it was not necessary.

FixUpTaskService

- Now in FixUpTaskService::create we initialize FixUpTask::publicationMoment and not in FixUpTaskService::save.

- `FixUpTaskService::findWorkableFixUpTasks` has been renamed to `FixUpTaskService::findWorkableFixUpTask`. Now this method returns the Fix-Up Task corresponding to the id passed as parameter, only if the Handy Worker passed as parameter has an Application accepted of this Fix-Up Task. In either case, returns null.
- `FixUpTaskService::findByPhaseId` is now a public method. We need this method in some controllers.
- `FixUpTaskService::findIdByPhaseId` has been added, which retrieves the id of the fix-up task associated with the phase passed as parameter.
- Now, `FixUpTaskService::findDataNumberFixUpTaskPerUser` and `FixUpTaskService::findDataMaximumPrice` return a `Double[]` value.
- `FixUpTaskService::findAll:Page<FixUpTask>` has been added. This method retrieves the same Fix-Up Tasks than `FixUpTaskService::findAll:Collection<FixUpTask>` but with external pagination.
- `FixUpTaskService::hasAcceptedApplication` has been added. This method check if the Fix-Up Task passed as parameter has an accepted Application or not.
- `FixUpTaskService::findByCustomerId` has been added. This method retrieves the Fix-Up Tasks created by the customer whose id is the same as the one passed as parameter.
- `FixUpTaskService::findByCustomerPrincipal` has been added. This method retrieves Fix-Up Tasks created by the customer principal.
- `FixUpTaskService::findWorkableByHandyWorkerPrincipal` has been added. This method retrieves the Fix-Up Tasks in which the Handy Worker principal is involved.
- An assert has been added in `FixUpTaskService::save` which check if the start moment of the fix-up task is in the future.

MessageService

- `MessageService::isSpamMessage` has been delete.

MiscellaneousRecordService

- `MiscellaneousRecordService::findOne` has changed visibility to 'public'.

NoteService

- Moment initialization has been moved from `NoteService::save` to `NoteService::create`.
- `NoteService::findByReportId` has been added. We use this method to paginate the notes of a particular report.

- Now, `NoteService::findDataNumberNotesPerReport` returns a `Double[]` value.
- `NoteService::checkBannedActorMarkAsSuspicious` has been added. This private method helps us refactoring the code. This method is used several times in `NoteService::checkUsersAndComments`.

PersonalRecordService

- `PersonalRecordService::findOne` has changed visibility to 'public'.

PhaseService

- `PhaseService::checkHandyWorkerAccess` has been modified. Now we call `FixUpTaskService::findWorkableFixUpTask` which now returns the Fix-Up Task corresponding to the id passed as parameter, only if the Handy Worker passed as parameter has an Application accepted of this Fix-Up Task. In either case, returns null.
- `PhaseService::findByFixUpTaskIdOrdered` has been renamed to `PhaseService::findByFixUpTaskId`. Now we define the value query and the count query for pagination. We needed to change the value query due to technologies issues. We also do not order Phases directly any more.
- `PhaseService::checkHandyWorkerAccess` is now a public method. Now this is a method returns a boolean also. With all these changes, we can reuse this method in some controllers.

ProfessionalRecordService

- `ProfessionalRecordService::findOne` has changed visibility to 'public'.

RefereeService

- `RefereeService::principalHasSelfAssigned` has been modified. Now we use `RefereeRepository::findHandlerByComplaintId` query instead of `Referee.getComplaints`. In this way, we have better performance since we only retrieve one object with the query (Referee) instead of a collection of Complaints.
- `ReportService::findIdByNotId` has been added. We use this method to obtain the id of the corresponding report of a particular note.

ReportService

- Moment initialization has been moved from `ReportService::save` to `ReportService::create`.
- Now in `ReportService::save`, we check the attachments using `UtilityService::checkAttachments`.

- ReportService::checkManagerReferee has been removed. Now we use RefereeService::principalHasSelfAssigned instead.
- ReportService::isPrincipalCreator has been added, which check if the Referee principal is the creator of the Report passed as parameter.
- ReportService::makeFinal has been added. We use this method to make a report final.

UtilityService

- UtilityService::checkAttachments has been added. This method is used for validating URLs in our system.
- UtilityService::getSplittedAttachments has been modified to avoid blank URLs.
- UtilityService::getSplittedAttachments has been renamed to UtilityService::getSplittedString
- UtilityService::entityIsSpam has been added. This method is used to check if the entity contains spam words.
- UtilityService::getValidPhone has been added. This method is used to add the default country code to all phone numbers introduced, if they don't already have it.

WarrantyService

- WarrantyService::makeFinal has been added. We use this method to make a warranty as final.
- WarrantyService::findAll:Page<Warranty> has been added. This method retrieves the same Warranties than WarrantyService::findAll:Collection<Warranty> but with external pagination.
- WarrantyService::findFinalWarranties has been added. This method retrieves all the warranties which are in final mode.

6. Changes in Views

General

- Pagesize attribute of display:table tag in all list views has been removed. We don't need this attribute anymore, because we are listing object through Valuelist pattern of display tag.
- All URLs which had two or more roles associated, have been renamed. Now roles are ordered alphabetically. For example this URL
"complaint/referee,customer,handyWorker/display.do?complaintId=*" now is
"complaint/customer,handyWorker,referee/display.do?complaintId=*"
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- HandyWorker sometimes showed as handyworker (with lower case W) and sometimes as handyWorker (with upper case W). Now handyWorker always is shown with upper case W in URLs.

Actor

- List and display views (and mockups) have been modified to implements requirements from level A.

Application

- List, an if more has been added to in case the status of the application is pending and the start time of the fix up task is not passed show the row in the default color. If the application list is given a fixuptask if it is registered as a handyworker and have all the requirements to apply a fixuptask, a link to create a new application will appear.

FixUpTask

- Now start date and end date are shown following the pattern “dd/mm/yyyy” instead of “dd/mm/yyyy hh:mm” (or “mm/dd/yyyy” in English).
- Now categories attribute that we pass to FixUpTask::edit is of type SortedMap<Integer, List<String>> instead of Collection<Category>. On this way, we can manage properly the traductions of the category.
- Customer link in FixUpTask::display has been changed. ",sponsor" has been added in the role section.
- Some back links have been added in FixUpTask::display.

Complaint

- complaint.commit.error message has been added to messages.properties and messages_es.properties.
- Now attachments are in an unordered list () in the display view.
- Back link in Complaint::display now redirects customers and handyWorkers to Complaint list of the corresponding Fix-Up Task.
- Create link in Complaint::list now has a new get parameter: fixUpTaskId.
- Create link in Complaint::list now is not visible when fixUpTaskId is null.
- Cancel button in Complaint::edit now redirects to the Complaint list of the corresponding Fix-Up Task.
- Display report link in Complaint::display now is only visible for the referee creator or for all users when the report is in final mode.
- Create report link in Complaint::display now is only visible when the complaint doesn't have any report associated.

