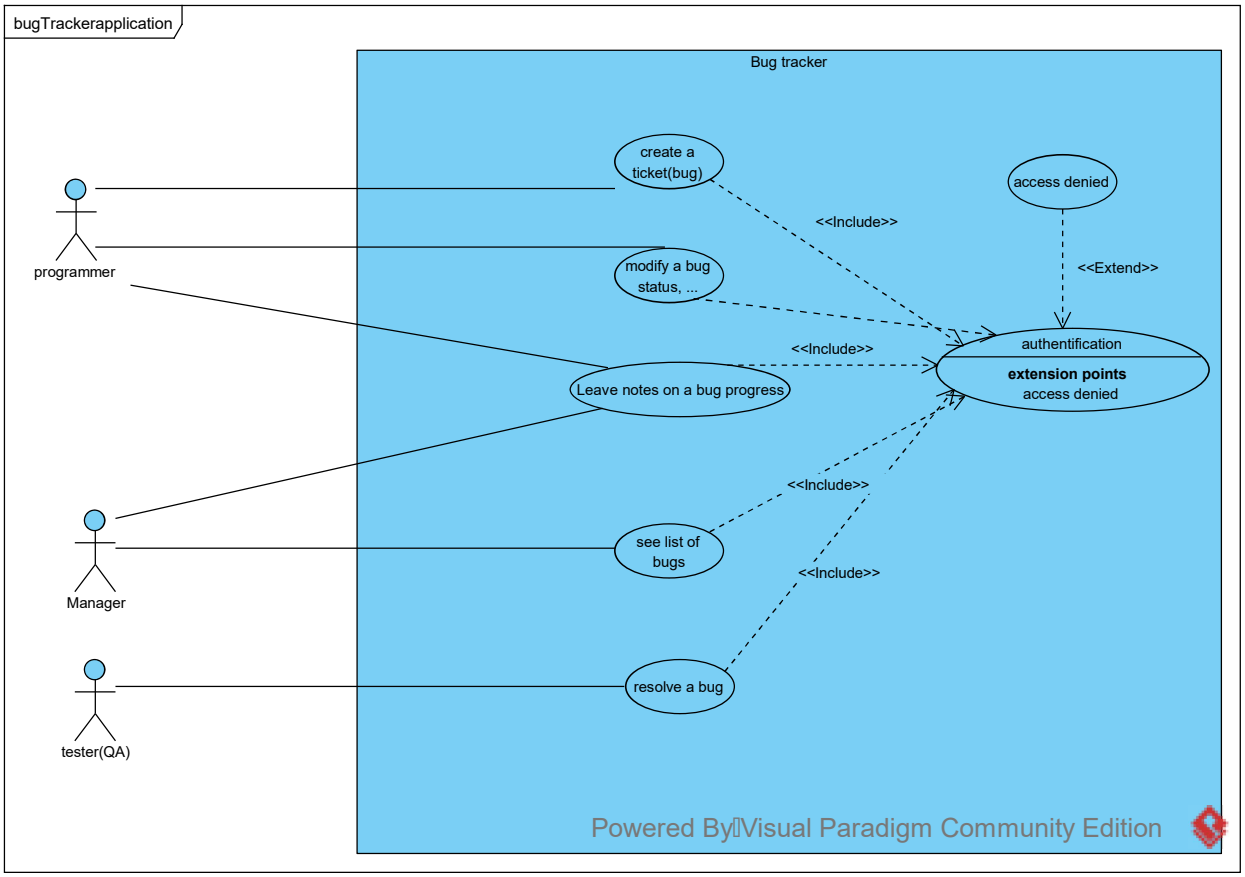
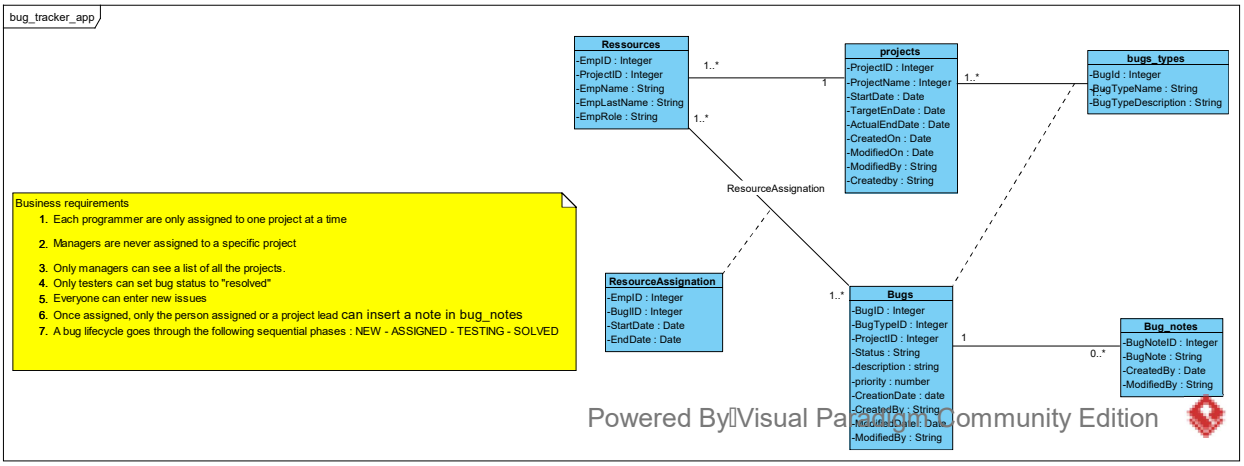

bugTrackerapplication
Bug tracker
create a ticket(bug)
access denied
<<Include>>
<<Extend>>
modify a bug status, ...
authentification
extension points
access denied
<<Include>>
Leave notes on a bug progress
<<Include>>
see list of bugs
<<Include>>
resolve a bug
programmer
Manager
tester(QA)
Powered By Visual Paradigm Community Edition


bug_tracker_app
Ressources
-EmpID : Integer
-ProjectID : Integer
-EmpName : String
-EmpLastName : String
-EmpRole : String
1..*
1
1..*
projects
-ProjectID : Integer
-ProjectName : Integer
-StartDate : Date
-TargetEnDate : Date
-ActualEndDate : Date
-CreatedOn : Date
-ModifiedOn : Date
-ModifiedBy : String
-Createdby : String
1..*
bugs_types
-BugId : Integer
-BugTypeName : String
-BugTypeDescription : String
ResourceAssignation
ResourceAssignation
-EmpID : Integer
-BugID : Integer
-StartDate : Date
-EndDate : Date
1..*
Bugs
-BugID : Integer
-BugTypeID : Integer
-ProjectID : Integer
-Status : String
-description : string
-priority : number
-CreationDate : date
-CreatedBy : String
-ModifiedDate : Date
-ModifiedBy : String
1
0..*
Bug_notes
-BugNoteID : Integer
-BugNote : String
-CreatedBy : Date
-ModifiedBy : String
Business requirements
1. Each programmer are only assigned to one project at a time
2. Managers are never assigned to a specific project
3. Only managers can see a list of all the projects.
4. Only testers can set bug status to "resolved"
5. Everyone can enter new issues
6. Once assigned, only the person assigned or a project lead can insert a note in bug_notes
7. A bug lifecycle goes through the following sequential phases : NEW - ASSIGNED - TESTING - SOLVED
Powered By Visual Paradigm Community Edition