

# Use Case Diagram for JMessenger App

JMessenger is an app that:

- Provides a repository for software development projects
- Authorized users can connect to the secured access database.
- Authorized users can query the database.
- Authorized users can save files to the database.
- Authorized users can receive files from the database.
- Authorized users can save files to local storage.
- The database will provide version control.
- Authorized users can access the database remotely via vpn to send and receive files from outside the intranet.

Use Case ID / Link:	<a href="#">USE CASE</a>	Use Case Name:	Send Code
Description	Send code in JMessenger		
Primary Actor or Persona	JMessenger USER		
Pre-Conditions	<i>None</i>		
Post-Conditions	<i>None</i>		
Triggers	<i>User clicks the send</i>		
Main/Happy Path	<ul style="list-style-type: none"><li>• <i>User opens program</i></li><li>• <i>User pastes code into message window</i></li><li>• <i>User selects send</i></li><li>• <i>Message / file sent to recipient</i></li><li>• <i>User selects receive</i></li><li>• <i>Waiting message / file are retrieved</i></li></ul>		
Alternative / Exception Flows	<ul style="list-style-type: none"><li>• <i>User opens program</i></li><li>• <i>User selects remote send</i></li><li>• <i>Message / file sent to recipient</i></li></ul>		
Use Case Frequency	<i>2 Times per user per day</i>		
Non-functional Requirements	<i>Not Applicable</i>		

Use Case ID / Link:	<a href="#">USE CASE</a>	Use Case Name:	Receive
Description	Receive code in JMessenger		
Primary Actor or Persona	JMessenger USER		
Pre-Conditions	<i>Code exists to receive</i>		
Post-Conditions	<i>None</i>		
Triggers	<i>User clicks the receive</i>		
Main/Happy Path	<ul style="list-style-type: none"> <li>• <i>User opens program</i></li> <li>• <i>User selects receive</i></li> <li>• <i>Message / file received to recipient</i></li> </ul>		
Alternative / Exception Flows	<ul style="list-style-type: none"> <li>• <i>User opens program</i></li> <li>• <i>User selects remote receive</i></li> <li>• <i>Message / file received</i></li> </ul>		
Use Case Frequency	<i>2 Times per user per day</i>		
Non-functional Requirements	<i>Not Applicable</i>		

Use Case ID / Link:	<a href="#">USE CASE</a>	Use Case Name:	Save
Description	Save and Open in the JMessenger		
Primary Actor or Persona	JMessenger USER		
Pre-Conditions	<i>none</i>		
Post-Conditions	<i>none</i>		
Triggers	<i>User clicks the save button</i> <i>User clicks the open button</i>		
Main/Happy Path	<ul style="list-style-type: none"> <li>• <i>User opens program</i></li> <li>• <i>User sends and receives messages / files</i></li> <li>• <i>User selects save as</i></li> <li>• <i>Pop-up window with save destination location</i></li> <li>• <i>User inputs name for file</i></li> <li>• <i>User selects save</i></li> <li>• <i>File saved with name in destination location</i></li> </ul>		
Alternative / Exception Flows	<ul style="list-style-type: none"> <li>• <i>User opens program</i></li> <li>• <i>User selects open</i></li> <li>• <i>Pop-up window with files to open</i></li> <li>• <i>User selects what file to open</i></li> <li>• <i>File is opened and displayed to user</i></li> </ul>		
Use Case Frequency	<i>20 per day</i>		
Non-functional Requirements	<i>n/a</i>		