| Class Name: Banker Portal | |
| --- | --- |
| **Responsibilities** | **Collaborators** |
| Knows<br><br>• Current User's Identity<br><br>Does<br><br>• Routes bankers to their functional screens | • com\web\SessionUtil<br>• com\web\PageUtil<br>• com\web\face\HtmlDocument<br>• com\web\face\HtmlNode |

| Class Name: Registrar Portal | |
| --- | --- |
| **Responsibilities** | **Collaborators** |
| Knows<br><br>• Current User's Identity<br><br>Does<br><br>• Routes registrar members to their functional screens | • com\web\SessionUtil<br>• com\web\PageUtil<br>• com\web\face\HtmlDocument<br>• com\web\face\HtmlNode |

| Class Name: Student Portal | |
| --- | --- |
| **Responsibilities** | **Collaborators** |
| Knows<br><br>• Current User's Identity<br><br>Does<br><br>• Routes students to their functional screens | • com\web\SessionUtil<br>• com\web\PageUtil<br>• com\web\face\HtmlDocument<br>• com\web\face\HtmlNode<br>• Loan Application |

| Class Name: Loan Application | |
| --- | --- |
| **Responsibilities** | **Collaborators** |
| Knows<br><br>• Current User's Identity<br><br>Does<br><br>• Make a loan application for the student<br>• Make a POST request for a loan application to the backend | • com\web\SessionUtil<br>• com\web\PageUtil<br>• com\web\face\HtmlDocument<br>• com\web\face\HtmlNode<br>• com\web\rest\RestTemplate<br>• com\web\ValidationUtil |

| Class Name: Home Page | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Current User's Identity<br><br>Does<br><br>&bull; Greeting page<br>&bull; Auto-route to other screen's depending on user's identity<br>&bull; Link to Login Page | &bull; com\web\SessionUtil<br>&bull; Login Page |

| Class Name: Login Page | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Current User's Identity<br><br>Does<br><br>&bull; Establishes session for current user<br>&bull; Checks credentials with a POST to the backend | &bull; com\web\SessionUtil<br>&bull; com\web\PageUtil<br>&bull; com\web\face\HtmlDocument<br>&bull; com\web\face\HtmlNode<br>&bull; com\web\rest\RestTemplate<br>&bull; com\web\ValidationUtil |

| Class Name: Logout | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows: Nothing<br>Does<br><br>&bull; Destroys the session of whoever visits it<br>&bull; Forward to Home Page | &bull; Home Page |

| Class Name: com\web\face\HtmlDocument | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; HTML Nodes currently in usage<br><br>Does<br><br>&bull; Collects HTML nodes and reports them to the user's browser in a secure way | &bull; com\web\face\HtmlNode |

| Class Name: com\web\face\HtmlNode | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>- Display information.<br><br>Does<br><br>- Collect and store display information. | None. |

| Class Name: com\web\rest\RestTemplate | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>- Configuration of the environment the program is running in.<br><br>Does<br><br>- Make POST requests to the backend application. Acts as the exit point for the application. | None. |

| Class Name: com\web\PageUtil | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows: Nothing.<br>Does<br><br>- Add common elements to an HtmlDocument. | - com\web\face\HtmlDocument<br>- com\web\face\HtmlNode |

| Class Name: com\web\SessionUtil | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>- Session information.<br><br>Does<br><br>- Responsible for performing the checks required upon entry to any page. | None. |

| Class Name: com\web\ValidationUtil | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Issues in validation on the session<br><br>Does<br><br>&bull; Store validation issues or general user errors in session<br>&bull; Add validation and user errors to specified HtmlNode | &bull; com\web\face\HtmlNode |

| Class Name: Banker View Loans | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Current User's Identity<br><br>Does<br><br>&bull; Make a request to the backend for list of loans a banker can view<br>&bull; Provide routing to a page to view a loan in detail | &bull; com\web\SessionUtil<br>&bull; com\web\PageUtil<br>&bull; com\web\face\HtmlDocument<br>&bull; com\web\face\HtmlNode<br>&bull; com\web\rest\RestTemplate |

| Class Name: Banker View Loan Detail | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Current User's Identity<br>&bull; Loan the user wants to view<br><br>Does<br><br>&bull; Make a request to the backend to retrieve the loan details<br>&bull; Handle approval and denials of the loan and post it to the backend<br>&bull; Filter review options based on user role | &bull; com\web\SessionUtil<br>&bull; com\web\PageUtil<br>&bull; com\web\face\HtmlDocument<br>&bull; com\web\face\HtmlNode<br>&bull; com\web\rest\RestTemplate<br>&bull; com\web\ValidationUtil |

| Class Name: Registrar View Loans | |
|---|---|
| **Responsibilities** | **Collaborators** |
| Knows<br><br>&bull; Current User's Identity<br><br>Does<br><br>&bull; Make a request to the backend for list of loans a registrar user can view | &bull; com\web\SessionUtil<br>&bull; com\web\PageUtil<br>&bull; com\web\face\HtmlDocument<br>&bull; com\web\face\HtmlNode<br>&bull; com\web\rest\RestTemplate |