

eFinance Java Web Application Example: Spring/Thymeleaf

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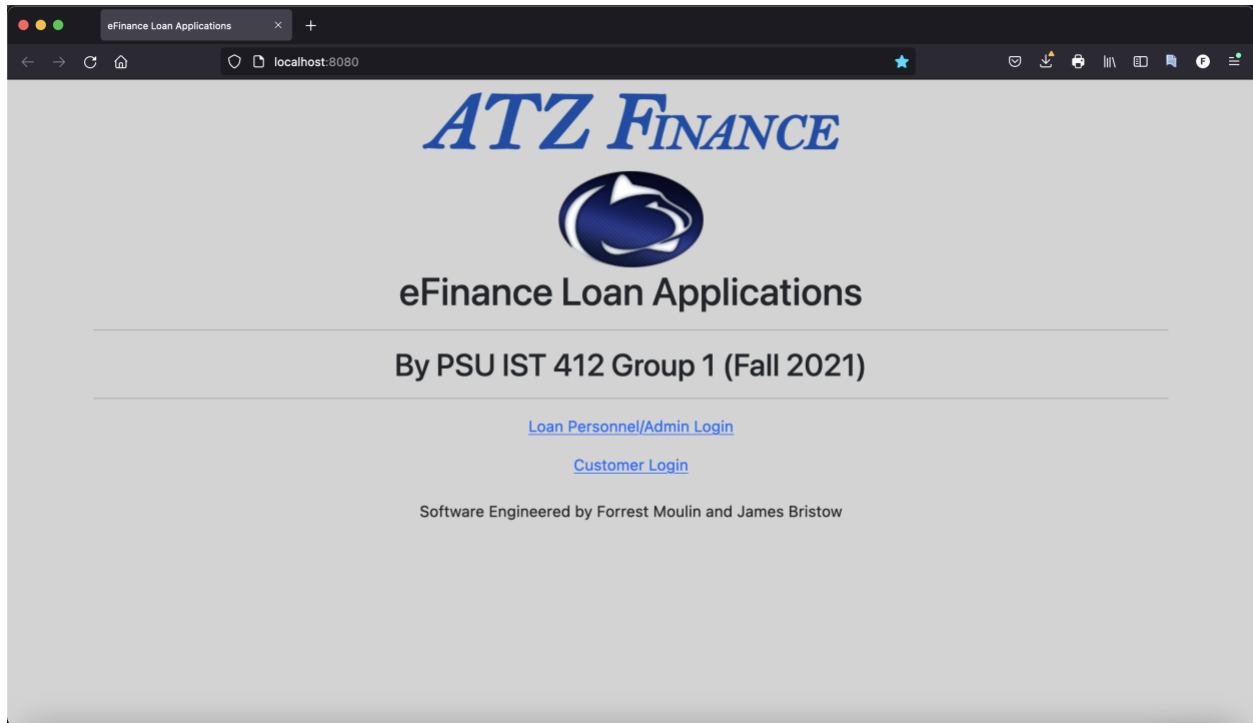
IST 412: The Engineering of Complex Software Systems

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eFinance Java Web Application Example: Spring/Thymeleaf

Home Page



Customer

Customer Sign Up

A screenshot of the 'eFinance Customer Sign Up' form. The browser's address bar shows 'localhost:8080/showCustomerSignUpForm'. The form is titled 'eFinance Customer Sign Up' and includes the following input fields: First Name, Last Name, Email Address, Password, SSN, Current Annual Income (with a dropdown arrow), Street Address, City, State, and Zip. A 'Sign Up' button is located at the bottom of the form, and a 'Back to Login' link is positioned below it.

Customer Login

ATZ Finance

eFinance Customer Login

Email
Enter Email Here

Password
Enter Password Here

Login

[Refresh](#)

[Sign Up](#)

Customer Loan Application History

ATZ Finance

Welcome to eFinance, Forrest!

My Account

Loan Application History: 1 Total

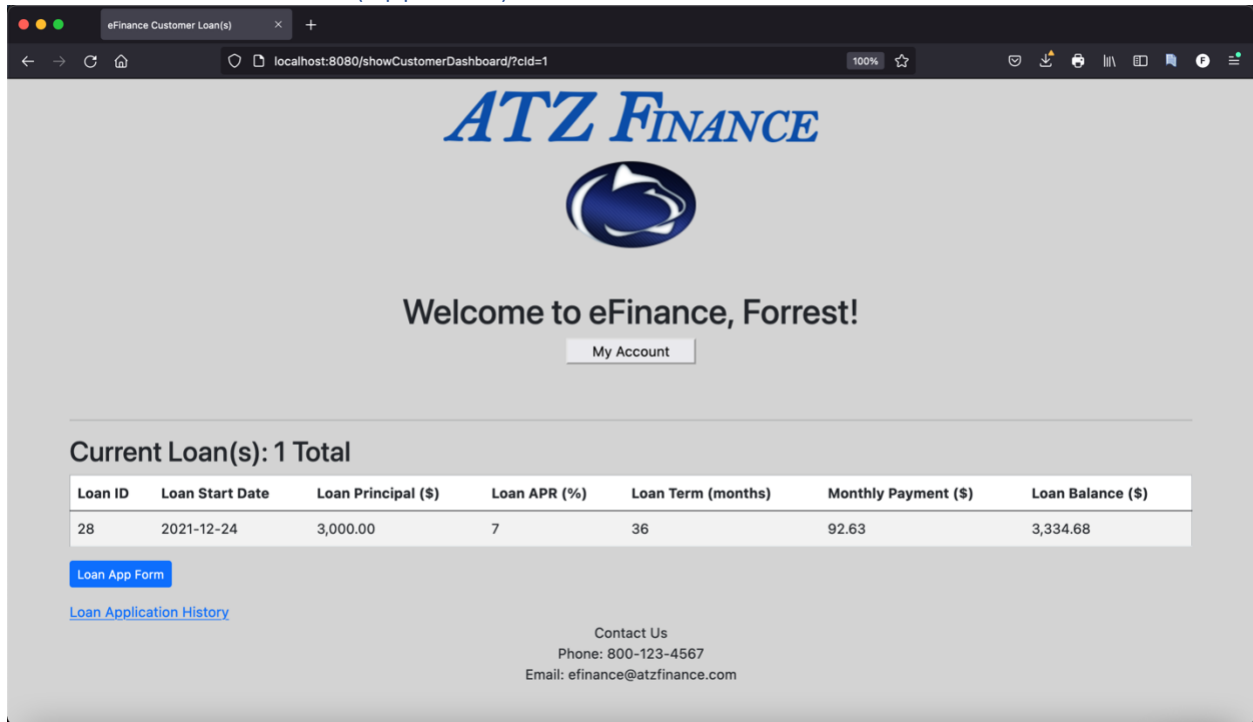
Loan Application ID	Date of Loan Application	Requested Loan Start Date	Requested Loan Principal (\$)	Requested Loan APR (%)	Requested Loan Term (months)	Loan Application Status	Date Last Updated
28	2021-12-21	2021-12-24	3,000.00	7	36	Pending Review	Not yet processed

Loan App Form

[Current Loan\(s\)](#)

Contact Us

Customer Current Loans (Approved)



The screenshot shows a web browser window with the title "eFinance Customer Loan(s)". The address bar displays "localhost:8080/showCustomerDashboard/?cid=1". The page features the "ATZ FINANCE" logo and a circular icon with a stylized "F". Below the logo, it says "Welcome to eFinance, Forrest!" and includes a "My Account" button. A section titled "Current Loan(s): 1 Total" contains a table with loan details. At the bottom, there is a "Loan App Form" button, a link to "Loan Application History", and contact information for ATZ Finance.

ATZ FINANCE

Welcome to eFinance, Forrest!

[My Account](#)

Current Loan(s): 1 Total

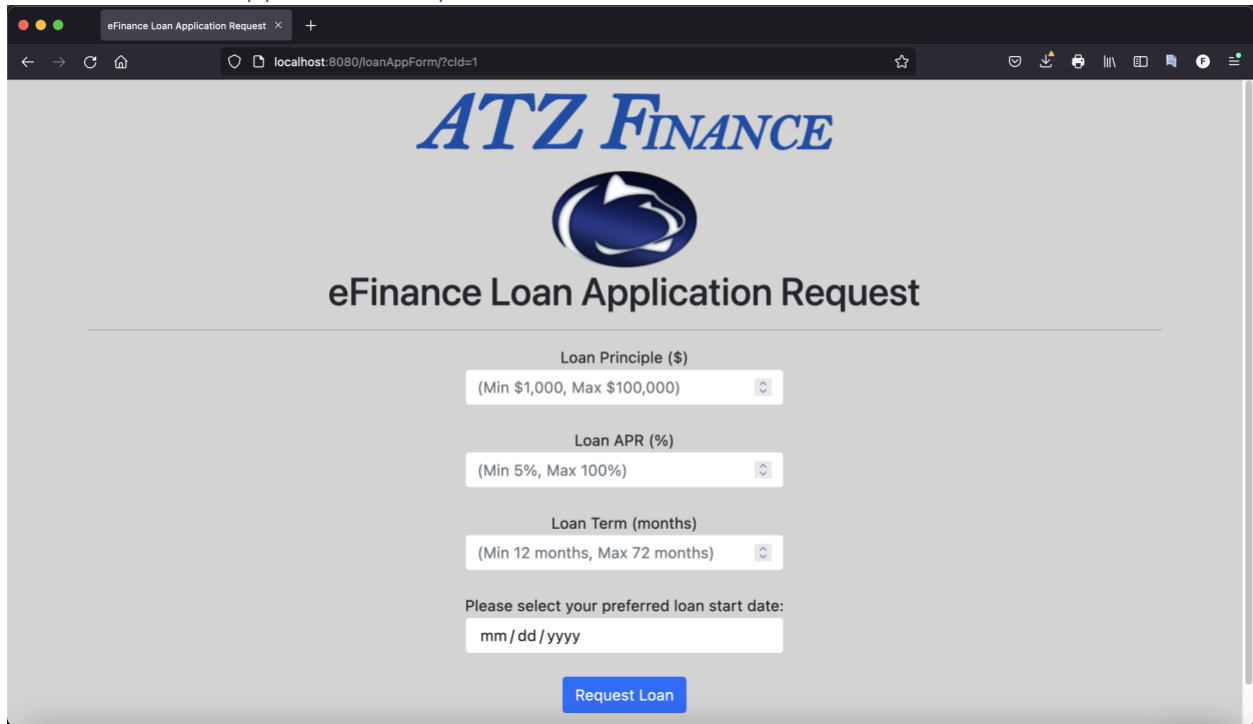
Loan ID	Loan Start Date	Loan Principal (\$)	Loan APR (%)	Loan Term (months)	Monthly Payment (\$)	Loan Balance (\$)
28	2021-12-24	3,000.00	7	36	92.63	3,334.68

[Loan App Form](#)

[Loan Application History](#)

Contact Us
Phone: 800-123-4567
Email: efinance@atzfinance.com

Customer Loan Application Request



The screenshot shows a web browser window with the title "eFinance Loan Application Request". The address bar shows "localhost:8080/loanAppForm?cid=1". The page features the "ATZ FINANCE" logo at the top, which includes the text "ATZ FINANCE" in a blue serif font and a circular blue and white logo below it. The main heading is "eFinance Loan Application Request". Below this, there are three input fields with labels and ranges: "Loan Principle (\$)" with a range of "(Min \$1,000, Max \$100,000)", "Loan APR (%)" with a range of "(Min 5%, Max 100%)", and "Loan Term (months)" with a range of "(Min 12 months, Max 72 months)". Each field has a small dropdown arrow on the right. Below these fields is a label "Please select your preferred loan start date:" followed by a text input field with the placeholder "mm/dd/yyyy". At the bottom of the form is a blue button labeled "Request Loan".

ATZ FINANCE

eFinance Loan Application Request

Loan Principle (\$)
(Min \$1,000, Max \$100,000)

Loan APR (%)
(Min 5%, Max 100%)

Loan Term (months)
(Min 12 months, Max 72 months)

Please select your preferred loan start date:
mm/dd/yyyy

Request Loan

Loan Personnel/Admin

Loan Personnel/Admin Login:

ATZ FINANCE

eFinance Personnel Login

Email
Enter Email Here

Password
Enter Password Here

Login

[Refresh](#)

Loan Personnel Processing Dashboard (Pending Review Example)

ATZ FINANCE

Welcome to eFinance, Forrest (loan personnel)!

[My Account](#)

Current Loan Apps Available for Processing: 1 Total

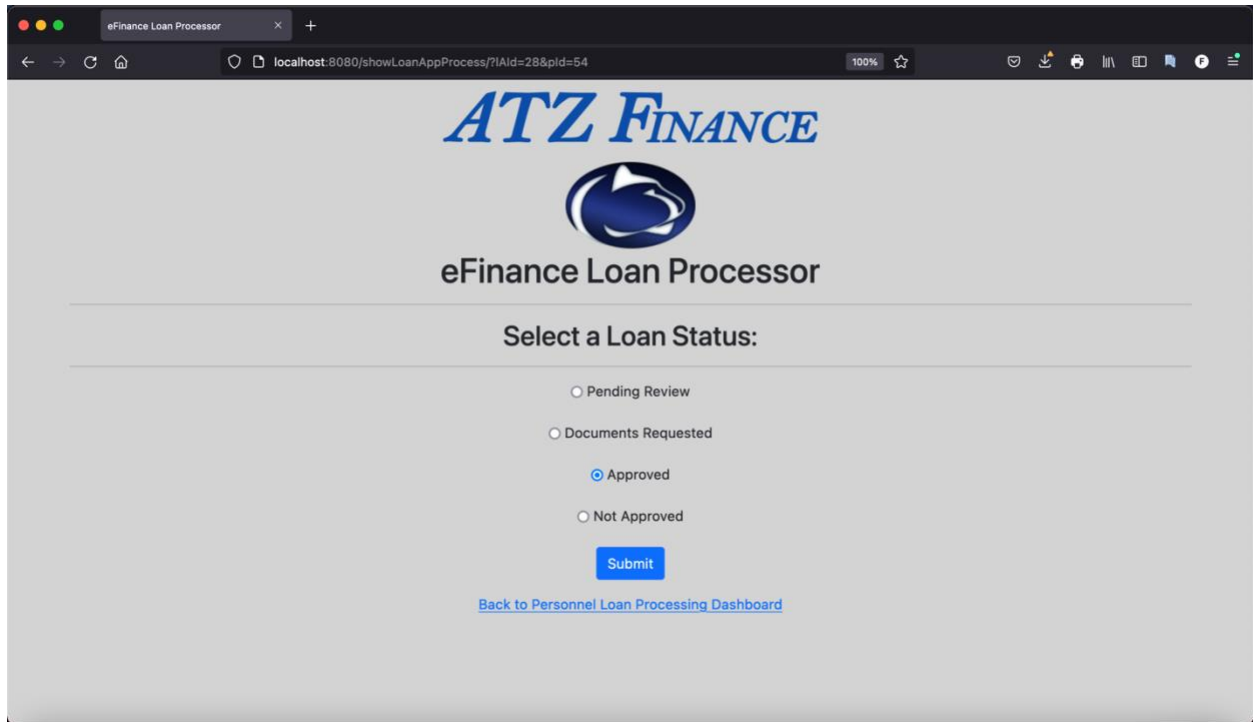
Loan App ID	Customer ID(s)	Date of Loan App	Loan App Requested Start Date	Loan App Annual Income (\$)	Loan App Principal (\$)	Loan App APR (%)	Loan App Term (months)	Loan App Status	Date Last Updated	Process Link
28	1	2021-12-21	2021-12-24	50000	3,000.00	7	36	Pending Review	Not yet processed	Process

Loan Apps Processed: None

Loan App ID	Customer ID(s)	Date of Loan App	Loan App Requested Start Date	Loan App Annual Income (\$)	Loan App Principal (\$)	Loan App APR (%)	Loan App Term (months)	Loan App Status	Date Processed	Personnel ID
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eFinance Java Web Application Example: Spring/Thymeleaf

Loan Processor



ATZ FINANCE

eFinance Loan Processor

Select a Loan Status:

☐ Pending Review

☐ Documents Requested

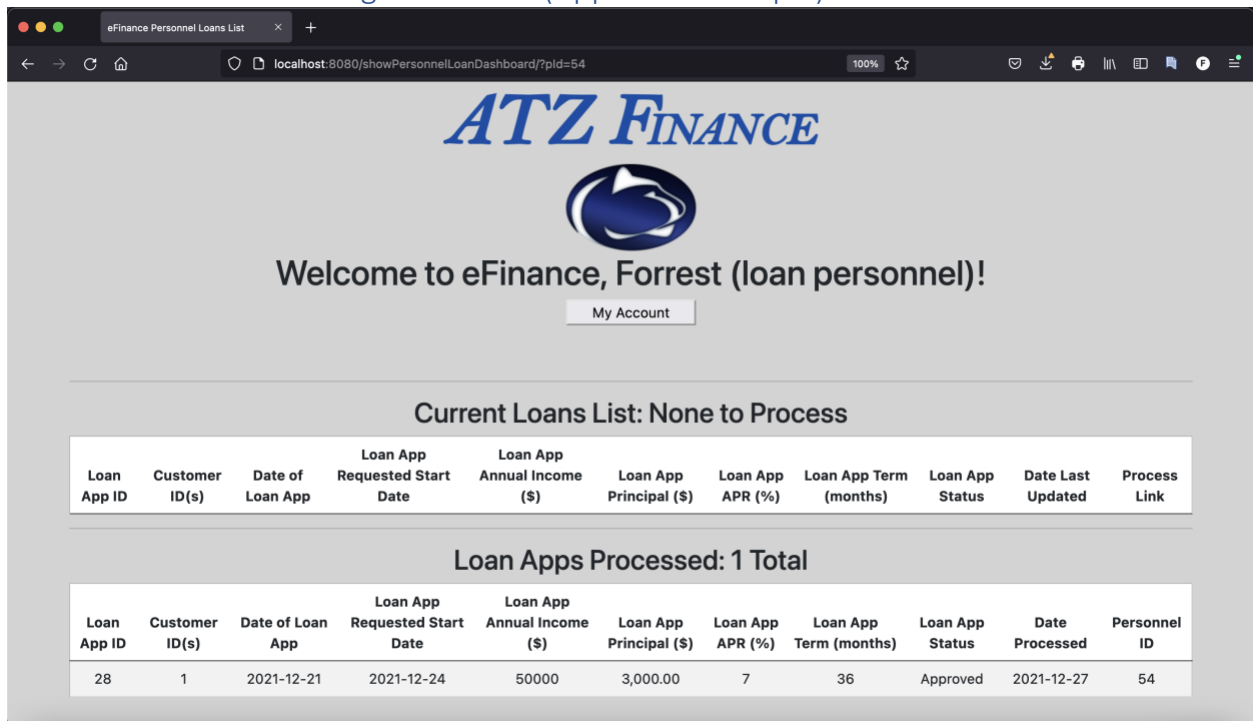
☒ Approved

☐ Not Approved

[Submit](#)

[Back to Personnel Loan Processing Dashboard](#)

Loan Personnel Processing Dashboard (Approved Example)



ATZ FINANCE

Welcome to eFinance, Forrest (loan personnel)!

[My Account](#)

Current Loans List: None to Process

Loan App ID	Customer ID(s)	Date of Loan App	Loan App Requested Start Date	Loan App Annual Income (\$)	Loan App Principal (\$)	Loan App APR (%)	Loan App Term (months)	Loan App Status	Date Last Updated	Process Link
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Loan Apps Processed: 1 Total

Loan App ID	Customer ID(s)	Date of Loan App	Loan App Requested Start Date	Loan App Annual Income (\$)	Loan App Principal (\$)	Loan App APR (%)	Loan App Term (months)	Loan App Status	Date Processed	Personnel ID
28	1	2021-12-21	2021-12-24	50000	3,000.00	7	36	Approved	2021-12-27	54

Admin Dashboard: Loan Personnel List

The screenshot shows a web browser window with the title "eFinance Personnel List". The address bar shows "localhost:8080/showPersonnelList/?pid=30". The page features the "ATZ FINANCE" logo and a welcome message "Welcome to eFinance, Forrest!" with a "My Account" button. Below this is a section titled "Loan Personnel List" containing a table with four columns: Employee ID, First Name, Last Name, Email Address, and Admin Permissions (Y/N). Each row has "Update" and "Delete" buttons. At the bottom left is an "Add Loan Personnel" button.

Employee ID	First Name	Last Name	Email Address	Admin Permissions (Y/N)		
1	Forrest	Moulin	forrest@email.com	Y	Update	Delete
2	James	Bristow	james@email.com	Y	Update	Delete
5	FirstName	LastName	test@email.com	N	Update	Delete
6	Forrest (loan personnel)	M	name@email.com	N	Update	Delete

[Add Loan Personnel](#)

Admin: Update Personnel

The screenshot shows a web browser window with the title "eFinance Loan Personnel Manager". The address bar shows "localhost:8080/showUpdateForm/?pid=30". The page features the "ATZ FINANCE" logo and the title "eFinance Loan Personnel Manager". Below this is a section titled "Update Personnel" with a form containing five input fields: a text field with "h", a text field with "Forrest", a text field with "Moulin", a text field with "forrest@email.com", and a text field with "Y". Below the form is an "Update Personnel" button and a "Back to Personnel List" link.

[Back to Personnel List](#)

eFinance Java Web Application Example: Spring/Thymeleaf

Admin: Delete Personnel Selection

The screenshot shows a web browser window with the URL `localhost:8080/showPersonnelList/?pid=30`. The page features the ATZ Finance logo and a welcome message for Forrest. Below the header, there is a table titled "Loan Personnel List" with columns: Employee ID, First Name, Last Name, Email Address, and Admin Permissions (Y/N). The table contains four rows of data. For each row, there are "Update" and "Delete" buttons. The "Delete" button for Employee ID 1 is highlighted with a red border.

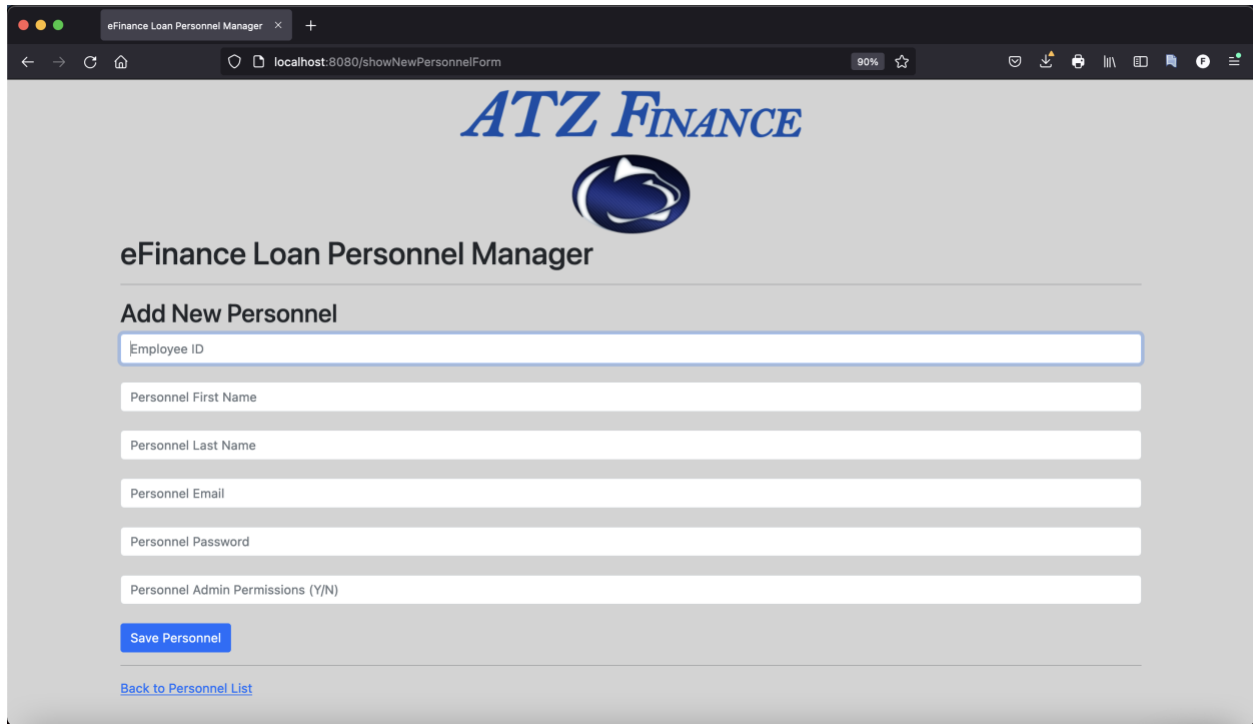
Employee ID	First Name	Last Name	Email Address	Admin Permissions (Y/N)
1	Forrest	MoulinUpdated	forrest@email.com	Y
2	James	Bristow	james@email.com	Y
5	FirstName	LastName	test@email.com	N
6	Forrest (loan personnel)	M	name@email.com	N

Admin: Delete Personnel Warning

The screenshot shows the same web browser window as the previous one, but with a confirmation dialog box displayed over the table. The dialog box has the title "localhost:8080" and the message "Are you sure you would like to delete this personnel?". It has "Cancel" and "OK" buttons. The "Delete" button for Employee ID 1 in the table is still highlighted.

Employee ID	First Name	Last Name	Email Address	Admin Permissions (Y/N)
1	Forrest	MoulinUpdated	forrest@email.com	Y
2	James	Bristow	james@email.com	Y
5	FirstName	LastName	test@email.com	N
6	Forrest (loan personnel)	M	name@email.com	N

Admin: Add New Personnel



The screenshot shows a web browser window with the title "eFinance Loan Personnel Manager". The address bar displays "localhost:8080/showNewPersonnelForm". The page features the "ATZ FINANCE" logo at the top center. Below the logo, the text "eFinance Loan Personnel Manager" is displayed. The main heading is "Add New Personnel". The form contains the following fields:

- Employee ID
- Personnel First Name
- Personnel Last Name
- Personnel Email
- Personnel Password
- Personnel Admin Permissions (Y/N)

A "Save Personnel" button is located below the form fields. At the bottom left, there is a link labeled "Back to Personnel List".