



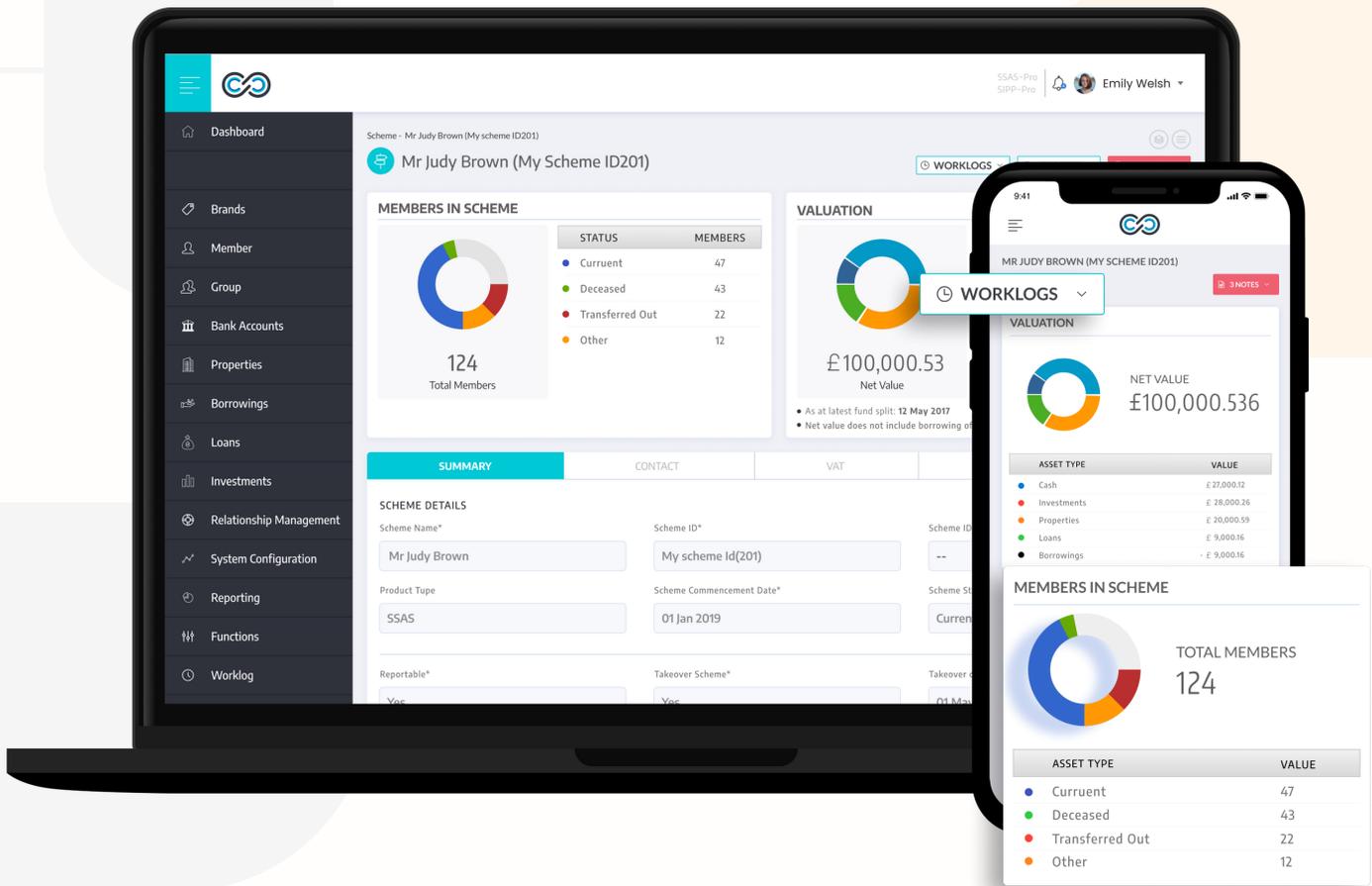
# Case Study

**Fintech solution  
for UK's leading financial  
services company**

CASE STUDY



Modernizing legacy enterprise applications for a FinTech platform that is used by UK's leading financial services companies to power their pension administration offerings.



## Services Used

- Enterprise Application Development
- WebUI And API Automation Testing
- Automation Testing
- API Automation and Testing Services
- Cloud Migration Services
- Data and Analytics Consulting
- Scalable Frontend Development

## Technology Stack

.Net Core

Knockout.js

AWS

Selenium

Azure

Jenkins



# Challenges

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To migrate the legacy system to modern techstack with robust architecture using micro frontend and component-driven development and to help manage the financial services securely through the platform.

## Developing a secured fintech platform

It's a FinTech platform that is used by UK's leading financial services companies to power their pension administration offerings.

## Modernizing Legacy applications

They took care of backend and API architecture with microservices architecture while needed a team to **modernize frontend architecture.**

## Integration with existing wealth platforms

For HSBC, they provide a SIPP solution to serve the needs of high-value clients, integrating smoothly to its existing wealth platform, through which investments are managed.

## Ensuring Quality of the solution

Increase test coverage for API testing and frontend to **reach enterprise-grade reliability.**

# Our Solution

Our team worked to modernize the legacy platform's frontend architecture and migrated terabytes of users' data using cloud migration and data migration strategies.

We created a custom framework for a scalable and quick development cycle.

History

Save session Close all

- Property : Property ID  
Edit Postcode
- Scheme  
New Brand 1012
- Member: John Smith  
Loan Create Loan
- Dashboard  
Take one Completed

Investment

- Membership Shares Only
- Partial External Sale
- Partial Purchase

SSAS-Pro SIPP-Pro Emily Welsh

### Schemes

Create Scheme

Product ALL SIPP SSAS Clear Search

Scheme: Enter Scheme ID [Lookup]

Administrator: Administrator name [Lookup]

2nd Administrator/ Consultant: Administrator name [Lookup]

External Reference: Enter ref [Lookup]

Commencement Date: From 01 Oct 2021 To 10 Oct 2021

Next Valuation Date: From 01 Oct 2021 To 19 Oct 2021

Status: -Select-

Exclude:  Reportable Only

25 of 307 Displaying Search Results: Show Selected Download

Scheme ID	Name	Product Type	Employer	Commencement Date	Scheme Status	Administrator
<input checked="" type="radio"/> Scheme 102011	Judy Brown	SSAS	--	05 Dec 2020	Current	Ray M. Long
<input type="radio"/> Scheme 102125	Frank J. Ellis	SIPP	Empire Wealth management	12 Aug 2020	--	Gary M. Gillespie
<input type="radio"/> Scheme 101143	Catherine P. Clark	SSAS	Empire Wealth management	23 June 2020	Current	--
<input type="radio"/> Scheme 101053	Johnny N. Azibana	SSAS	EEF SSAS Co	12 March 2020	Current	Jessica A. May

9:41

### SCHEMES

Product ALL SIPP SSAS

Scheme: Enter Scheme ID [Lookup]

Administrator: Administrator name [Lookup]

2nd Administrator/ Consultant: Administrator name [Lookup]

External Reference: Enter ref [Lookup]

Commencement Date: From DD-MM-YY To DD-MM-YY

Next Valuation Date: From DD-MM-YY To DD-MM-YY

Status: -Select-

Exclude:  Reportable Only

Search



They provided a very capable team. They understood our vision and provided a well rounded solution. We are super happy with the team.



Team lead

SSAS-Pro SIPP-Pro Emily Welsh

Scheme ID(201) WORKLOGS 47 NOTES 3 NOTES

### SCHEME SUMMARY

STATUS	MEMBERS
Current	47
Deceased	43
Transferred Out	22
Other	12

### VALUATION

£100,000.53 Net Value

- As at latest fund split: 12 May 2017
- Net value does not include borrowing of £40,000.12

ASSET TYPE	VALUE
Cash	£ 27,000.12
Investments	£ 28,000.26
Properties	£ 20,000.59
Loans	£ 9,000.16
Borrowings	- £ 9,000.16

CONTACT VAT REGULATORY REPORTING

#### SCHEME DETAILS

Scheme Name*	Mr Judy Brown	Scheme ID*	My scheme Id(201)	Scheme ID 2*	--
Product Type	SSAS	Scheme Commencement Date*	01 Jan 2019	Scheme Status*	Current

[Edit](#)

9:41

Log all users out

Product  ALL  SIPP  SSAS

Scheme  [Lookup](#)

Administrator  [Lookup](#)

2nd Administrator/ Consultant  [Lookup](#)

External Reference  [Lookup](#)

Commencement Date From  To

Nect Valuation Date From  To

Status

Exclude  Reportable Only

[Search](#)

Dashboard

Members

### Active Users

Total Active Users

User	Log in Time
Judy Brown	22 March 2020 14:06:17
Frank J. Ellis	26 March 2020 15:39:10
Catherine P. Clark	26 March 2020 14:33:13
Johnny N. Arriaga	29 March 2020 14:08:17
Daniel E. Harrell	09 April 2020 12:58:14
Alicia A. Salter	10 April 2020 11:26:17
Tamara J. Graves	11 April 2020 15:12:17

Members

- Dashboard
- Schemes
- Brands
- Member
- Group
- Bank Accounts
- Properties
- Borrowings
- Loans
- Investments
- Relationship Management
- System Configuration
- Reporting
- Functions
- Worklog

# Our Solution

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## **Ensured faster delivery with CI/CD pipeline**

Helped to implement CI/CD and Automation testing practice for faster delivery times and increased test coverage of the application.

## **Testing micro services for seamless functioning**

**Microservices API testing and OAS3 compliance testing** were carried out to meet the compliance criterias.

## **Usability testing for delivering smooth UX**

Usability and Web UI testing using Selenium were performed to ensure that UI is rich and UX is smooth.

## **Support & maintenance for seamless operations**

Dedicated development team support and maintenance teams who helped resolved red flag issues.

# We are Simform

Simform is a leading digital product engineering company. Over the last decade, our world-class tech teams have refined engineering practices for Fortune 1000 companies and successful startups.

Let's get in touch to extend your tech team with top talent!

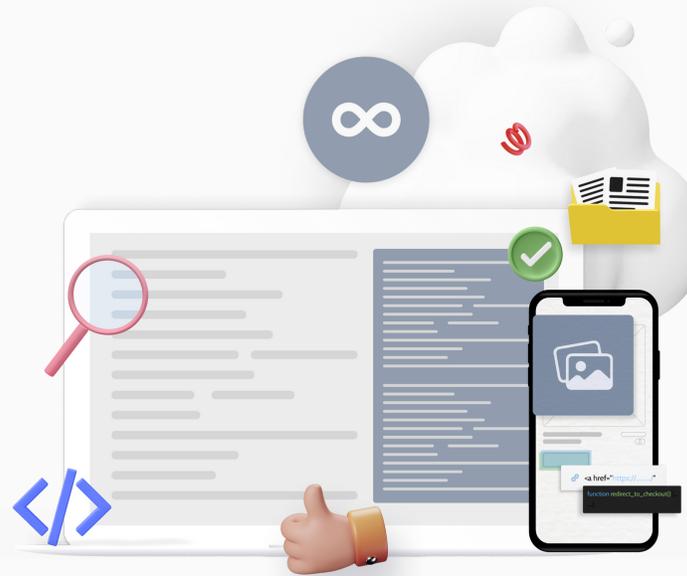
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