BRIEF FOR **eCONTRACT** PROJECT

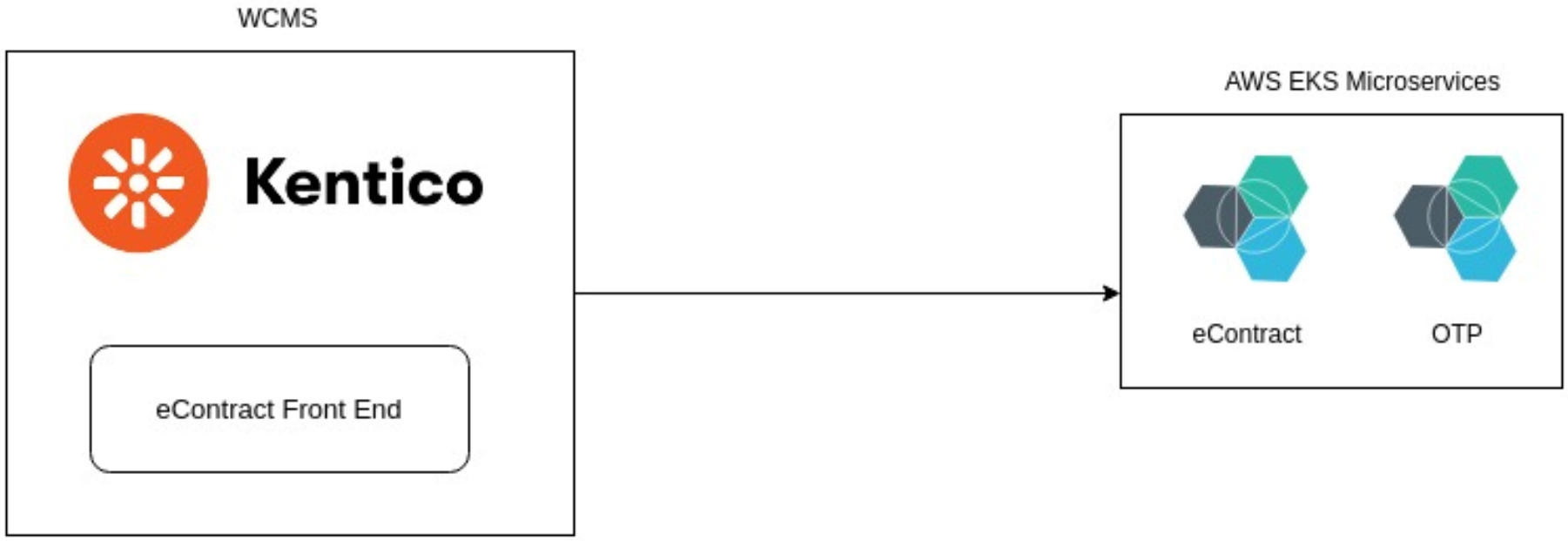
Main objective

- Decouple eContract from Kentico so it can be a standalone application.
- Standalone application means the app can be easily installed/configured in IIS without any third party platform.

High level requirements

- The flow and logic should stay as is.
- Use the existing .NET version. Do not change/update.
- No dependency on other platforms (except for the existing APIs to the microservices)

Overview

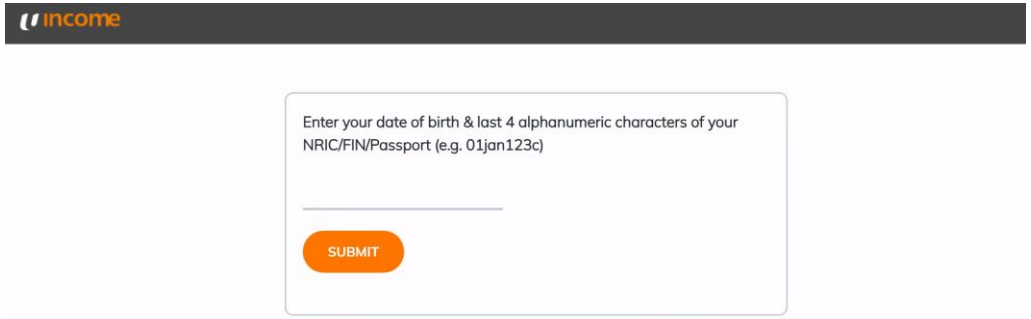


- eContract will be using the APIs from AWS EKS Microservices.
- AWS EKS Microservices are the internal services that eContract will be consuming.
- No works to be done on AWS EKS Microservices.
- Front-end of the eContract should stay as is. No changes to the UI.

Backend Implementation

#	Item	Current Implementation	Suggestion
1	**Event Log**	Log write to Kentico event log	log file by date
2	**App Configuration**	Reading configuration from Kentico Page JSON file	New Json file
3	**Static Resources**	Using K12 static resources (e.g. css, images, javascripts, fonts)	copy to a new folder inside the project
4	**Homepage path/URL**	Income Website Home Page URL from tree node	Combine it with the config file (#2)
5	**Custom Error messages**	error message from Kentico Custom Table	Json file
6	**Error page**	Showing error message using Kentico Pages	New page to show the error message

Email Flow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Enter your date of birth & last 4 alphanumeric characters of your NRIC/FIN/Passport (e.g. 01jan123c)
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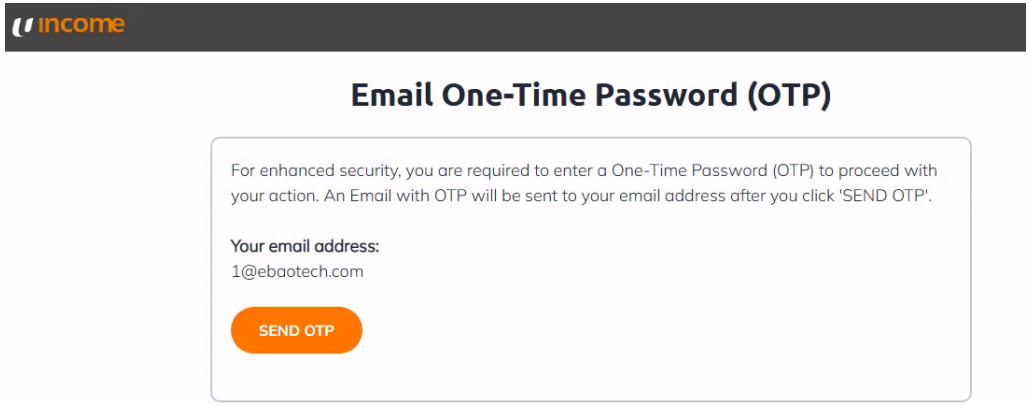
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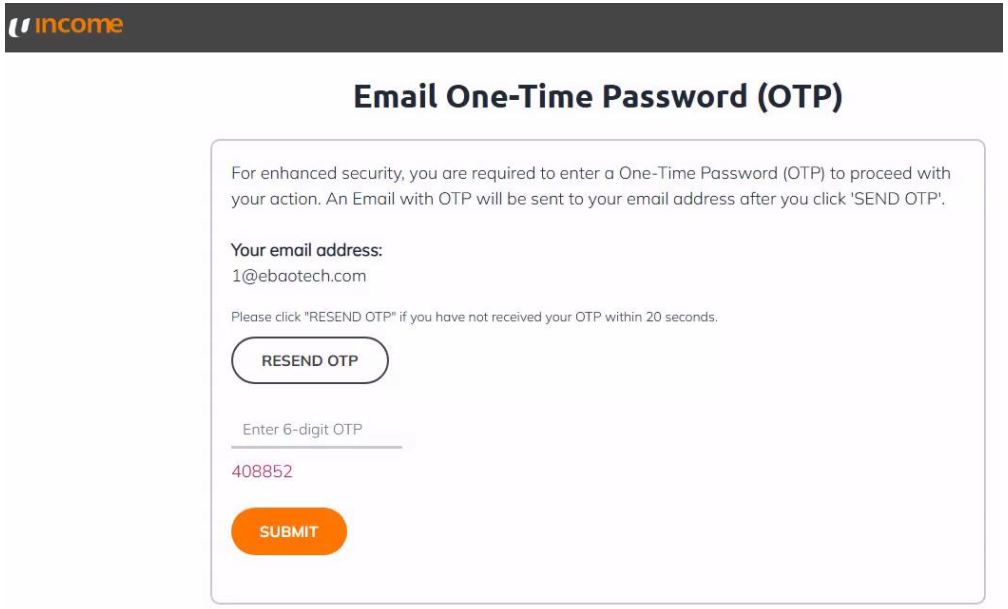
Email One-Time Password (OTP)
For enhanced security, you are required to enter a One-Time Password (OTP) to proceed with your action. An Email with OTP will be sent to your email address after you click 'SEND OTP'.
Your email address:
1@ebaotech.com
SEND OTP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Please click "RESEND OTP" if you have not received your OTP within 20 seconds.
RESEND OTP
Enter 6-digit OTP
408852
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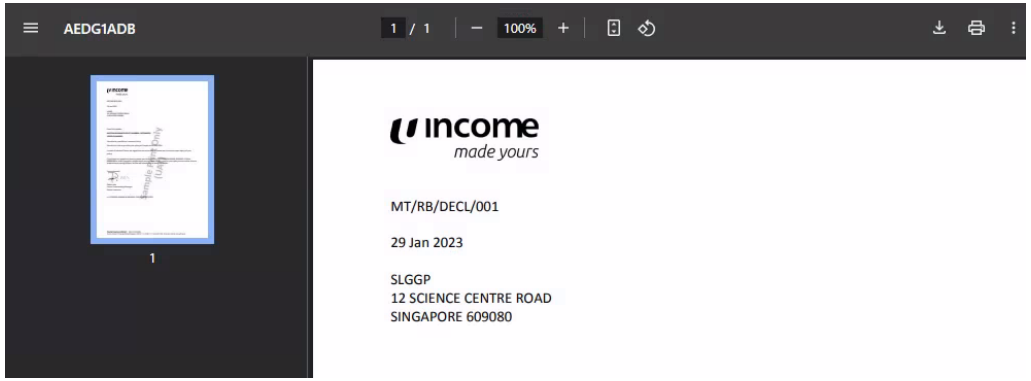
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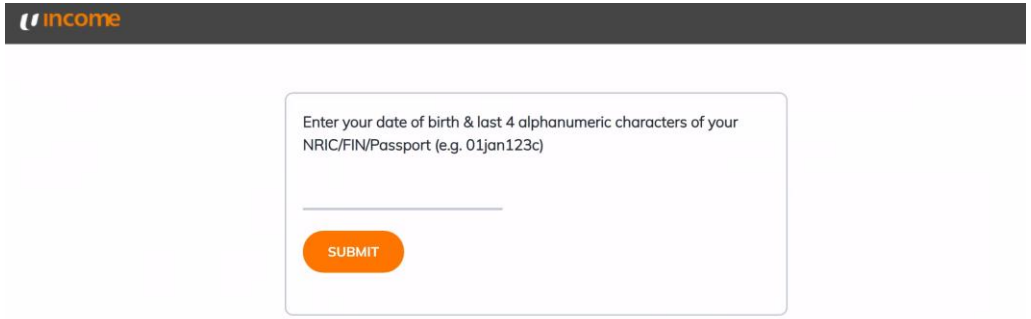
SMS Flow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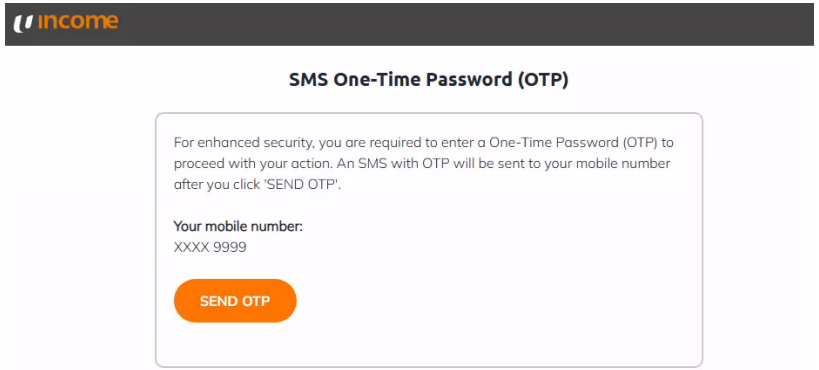
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XXXX 9999
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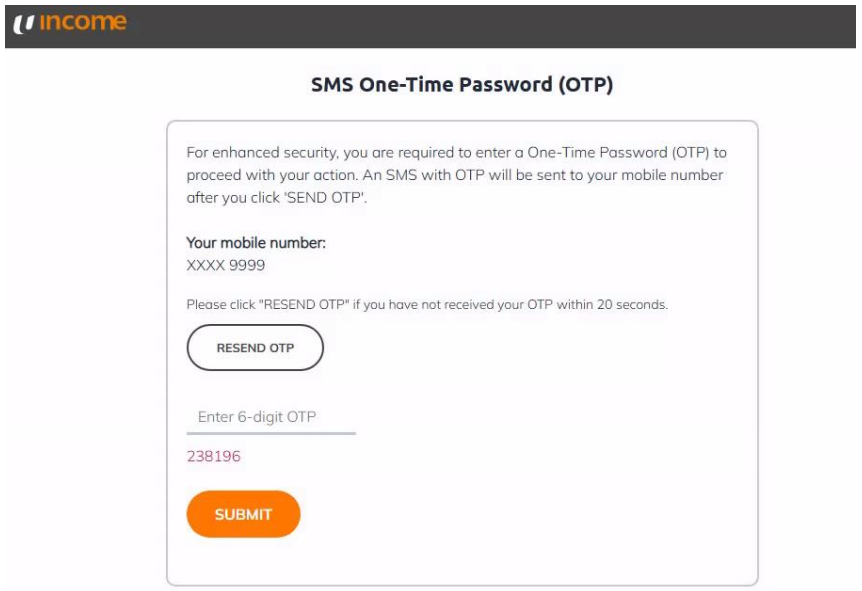
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Enter 6-digit OTP
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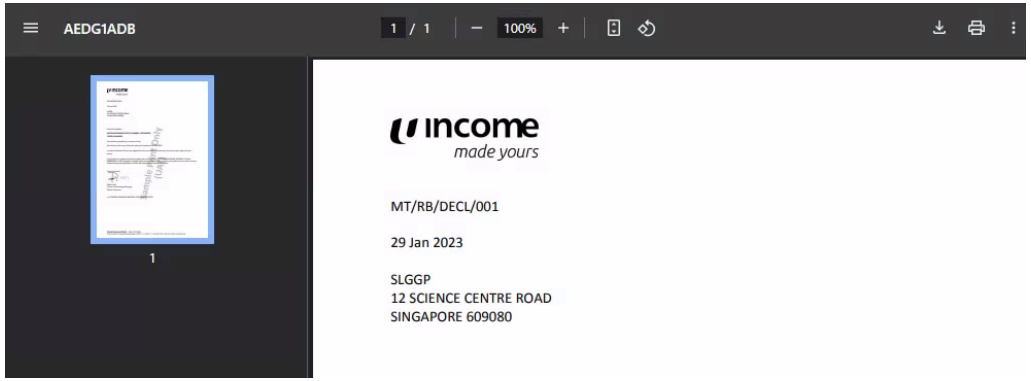
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Project structure

- Controllers
  - eContract
  - OTP
- Services
  - eContract
  - OTP
- Repository
  - eContract
  - OTP
- Views
  - eContract
  - OTP
- Models
  - eContract
  - OTP