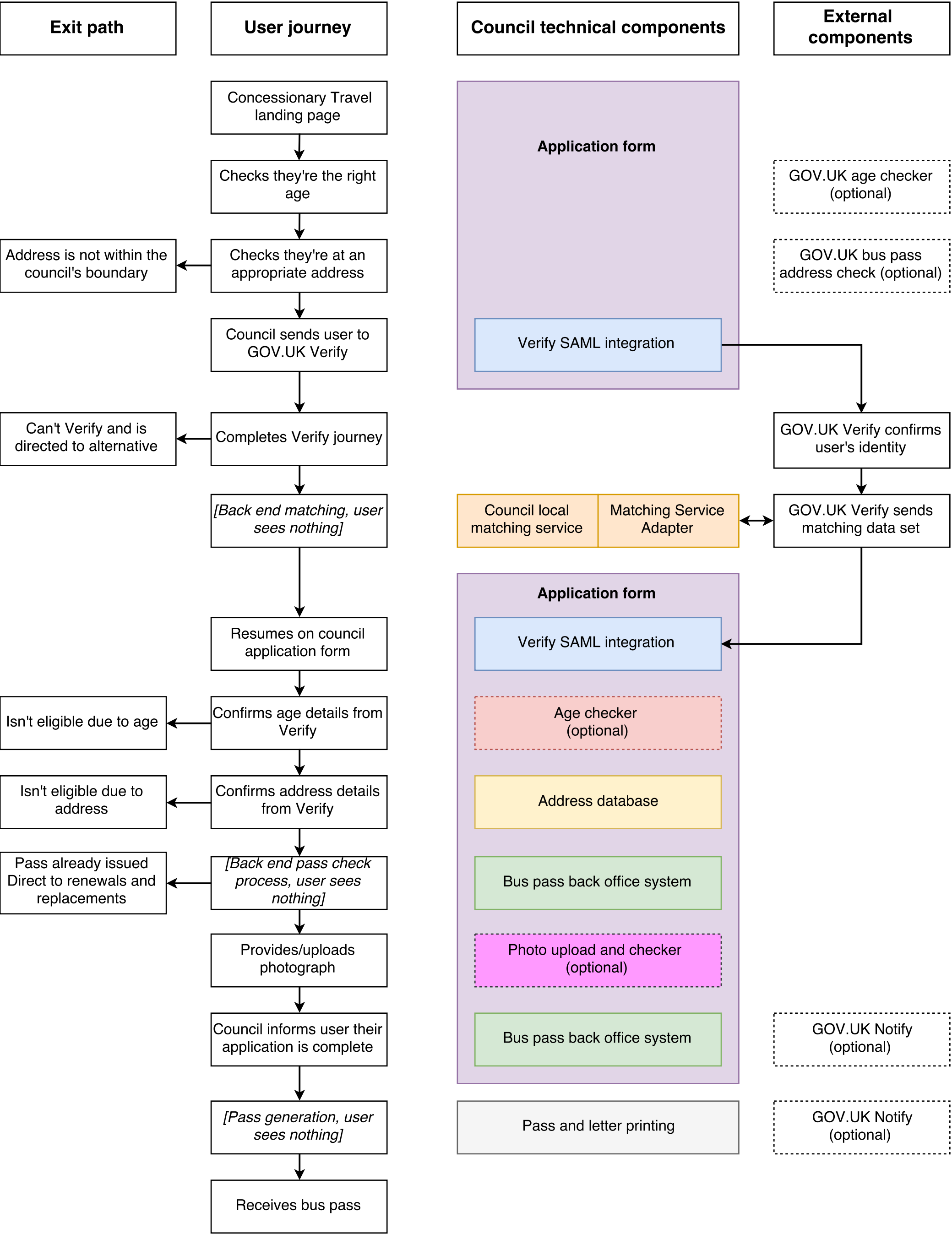


#VerifyLocal Concessionary Travel technical diagram (Discovery v1)



Component	Technical Definition	Required features for MVP	Ideal features
Application Form	A digital form for entering information related to the application. This would be hosted on the council's website, and be the primary way the user interacts with the council for this service.	Ability to follow the proposed service design Ability to integrate with eligiblity checker, GOV.UK Verify using SAML Ability to integrate with a notification product or email functionality Product must be suitable for handling personal information (including TLS with EV certiicate but also how the data is stored) Product must meet accessibility standards Photo upload, storage, validation and resizing capability Way to export and open source content and configuration Ability to log and investigate service events [OPTIONAL: Ability to check against age eligibility]	Open source product Extensive validation of evidence; set parameters for evidence upload
GOV.UK Verify SAML Integration	The construction that enables communication between the council and the GOV.UK Verify hub. The council must create the capacity to send and receive SAML messages to and from the hub.	A well tested, commonly used SAML 2.0 framework with mature security update policy Ability to test SAML in isolation from user experience Ability to handle SAML metadata dynamically	
Local Matching Service (Council LMS and Matching Service Adapter)	The LMS would be how the council digests information sent from the GOV.UK Verify hub. There is no matching, so the service will always indicate that there was no match, and that a new account is created.	If matching is performed, a matching strategy and component integration is required. Ability to handle and return JSON Ability to log and investigate service events	
Age checker (optional)	An API or application that can check whether an age is eligible for CT passes. This is only necessary if the council form or product doesn't have this capability.		
Address database	A list of addresses that fall within the council's Concessionary Travel Pass boundary. Any address within the boundary needs to be on this list, as eligibility will be checked against this. If an address is proposed that isn't on this list, the user would not be able to complete an application.	Complete list of eligible postcodes System to remain up-to-date with new address developments (regular link with Gazetteer) Directly support access from service so that service can verify address in real time, or frequently export Ability to log and investigate service events	
Bus pass back office system	A database that contains all currently issued passes. This would be checked against to confirm eligibility, ensuring that multiple passes don't exist for one person. Each council would need to have their own database and check against it individually.	Ability to log and investigate service events Application programming interfaces (APIs) or other integration mechanism	
Photo upload and checker (optional)	An application that can process photographs including the upload, resizing and validation processes. This is only necessary if the council form or product doesn't have this capability.		
Additional notification tool or fulfillment system	An online tool that sends a notification to the user when the application is submitted. Ideally, the tool allows the user to choose their preferred way to receive the notification. However, as a minimum it must include email as a channel. This could be GOV.UK Notify	Ability to log and investigate service events APIs or other integration mechanism	
Pass and letter printing	A process by which a physical pass is generated and provided/ sent to users. This would be required once an application has been made and all eligibility criteria have been fulfilled.	Ability to log and investigate service events APIs or other integration mechanism	