

Moshpit - Functional Specification

Draft 1 (19.12.25)

Authentication & Accounts

Id	Item	Status
AA001	New user can sign up with email and password	
AA002	Signed up users can create an account with name, username, location and bio	
AA003	Fan accounts and associated data belong to specific signed up users	
AA004	Signed up users can log in if providing correct credentials	
AA005	Logged in users can log out	
AA006	Passwords are not stored in plain text CHECK	
AA007	Fan account pages are accessible to logged in users, and logged out users (public)	
AA008	Follow artist function only accessible to logged in users	
AA009	Artists can create an Artist Page with name, genre, bio, and Spotify authentication	

Design

Id	Item	Status
DE001	Sign Up and Create Profile pages have clear input validity instructions	
DE002	Logged in users arrive on personalised Fan Feed Page	
DE003	Navigation bar accessible from all pages	
DE004	Navigation bar allows immediate access to all the main pages	
DE005	Fan profile page showing associated fan data (if logged in)	
DE006	List on fan profile showing a user's followed artists (if logged in)	
DE007	Individual Artist pages including name, genre, bio, concert dates and message feed	
DE008	Individual Concert pages that can be accessed through Artist page or search CHECK	
DE009	Search bar with drop down filtering CHECK AND ADD TO THIS	
DE009	Logged in users can log out from all pages	
DE0010	Logged out users can log in from Sign In/Sign Up page	

Fan Profile Page

Id	Item	Status
FP001	Fan Profile Page displays fan name, username	
FP002	Fan Profile Page displays bio, profile picture if user has uploaded	
FP003	Users can link their Spotify to their fan page add what data visible	
FP004	User's top 5 Spotify artists are displayed on their fan page	
FP005	Users can see suggestions of artists to follow based on Spotify API	
FP006	Logged in users can unfollow artists from followed artist list on their fan page	
FP007	Users can search/filter their followed artist list TBD	

Fan Feed

Id	Item	Status
FF001	Fan Feed displays posts from user's followed artists in chronological order (newest at top)	
FF002	User can click through to artist page from posts on Fan Feed	
FF003	User can click through to concert page from concert dates on Fan Feed	
FF004	User sees 'Follow artists to see updates' messages if feed empty (ie no follows)	

Artist Page

Id	Item	Status
AR001	Artist can create a page which displays name, genre, bio, concert dates and message feed	
AR002	Artist can edit personal information on artist page	
AR003	Artist can post a text format message to their updates feed	
AR004	Artist can post an image format message to their updates feed	
AR005	Artist can post a tour date post to their updates feed	
AR006	Artist can edit and delete a tour date or message	
AR007	Artist can post multiple messages to their updates feed	
AR008	Artist can post multiple tour dates to their updates feed	
AR009	Tour dates posted by artist are displayed as list on artist page	
AR010	Artist only sees prompt to create a post if empty state	
AR011	Artist can link Spotify to their artist page add what data visible	
AR012	Spotify web player allows user to play relevant music while on page	

Id	Item	Status
AR013	Artist pages are publically visible	
AR014	Logged in users can follow artists from individual artist page	
AR015	Logged in users can unfollow artists from individual artist page	
AR016	Button on artist page changes state between follow and unfollow	
AR017	Follower count displayed on artist page	

Search Page

Concert Page

Id	Item	Status
CO001	Concerts can be clicked on artist page and lead to associated individual concert page	
CO002	Individual concert pages display title, band, location, date and description	
CO003	Fans can upload images with captions to individual concert page	
CO004	Users see 'Be the first to share memories!' message if no fan content	

API

Id	Item	Status
AP001	Root level /api resource, explaining basic usage	
AP002	Sub-level resource types can be specified by name	
AP003	Sub-level resource types: FILL IN AS APPROPRIATE eg concerts, bands, accounts	
AP004	Subset of resources of type concert can be returned via date and location filters AMEND AS NECESSARY	
AP005	Individual resources of a specific type can be specified by name or id (type dependent)	

Accessibility & Maintenance

Id	Item	Status
AC001	Product is keyboard navigable	
AC002	Elements are clearly labelled with IDs	
AC003	Error messages are helpful and provide clear re-route action	
AC004	Interface has clear colour contrast and is readable	

Id	Item	Status
AC005	Alt text descriptions present and clear	

Other

Id	Item	Status
OT001	All dates in European (DMY) format: DD/MM/YYYY	
OT002	Setup instructions for running the server locally	
OT003	Chrome Desktop support only, minimum resolution 1280×1024	