



'Take a brief or hurried look'

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INTRODUCTION

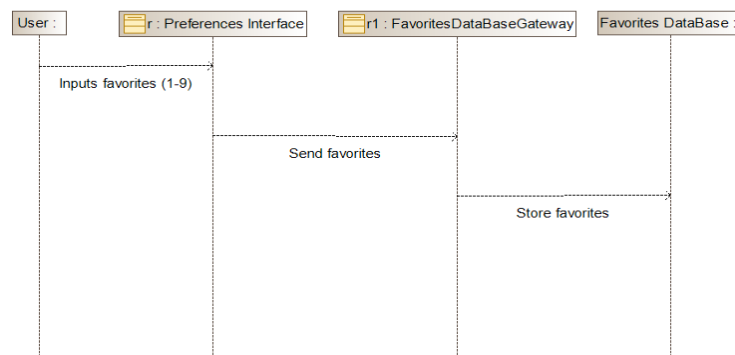


Glance is a social platform for iOS and Android. We offer our users leisure services in their city or local community and recommend them plans according to their tastes. 'Take a brief or hurried look' started from the heart of 5 entrepreneurs that enjoy the little things of life. Our goal is exclusively the enjoyment of our users. In order to make this come true we have designed a project which is explained in a very transparent and easy way.

USE CASES

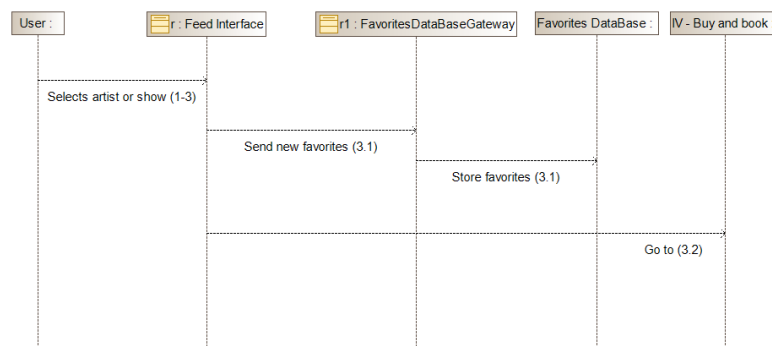
1 - INPUT PREFERENCES

Description	The objective is for the user to find and follow his favorite artists in the app
Actors	User
Triggers	Launching the app for the first time
Preconditions	The app must've launched successfully
Postconditions	The user must've chosen their favorite artists in as many genres as they want
Main Sequence	<ol style="list-style-type: none">1- General frame appears, showing all the cultural options (concerts, theater, movies, events...)2- Input liked theme3- Subframe appears, showing different genres for the cultural option selected (i.e for concerts; there would be pop, rock, reggae, jazz...)4- Input liked genre5- Frame with multiple artists appear6- User selects an artist and saves it in favourites7- Presses confirm + new window asking the user if they want to select artists from a different cultural branch. (AC1)8- The "favorites" window will contain every artist the user has selected. (AC2)9- The window of preferences closes and the main screen appears
Alternate Sequence	<p>AC1- If the user wants to select artists from other cultural branches, jump back to step 1</p> <p>AC2- If the user has selected an artist by mistake, they can delete it from the list of favorites (artists selected) and then continue to step 9</p>



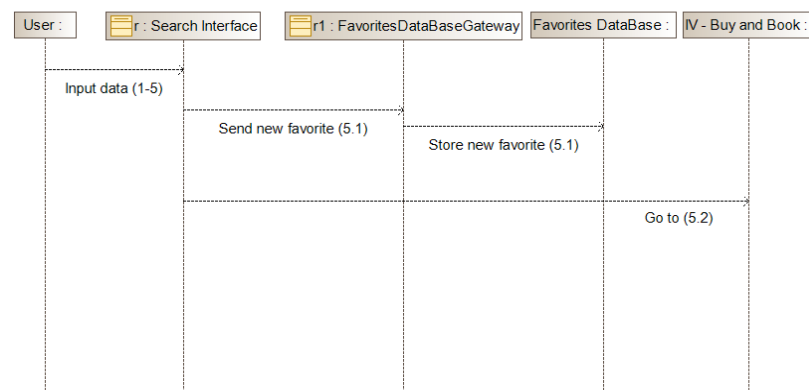
2 - FEED

Description	The objective is for the user to follow his favorite artists and upcoming events in the app
Actors	User
Triggers	Launching the app and being in the Home section
Preconditions	The app must've launched successfully and the feed must've loaded
Postconditions	The user was informed about the incoming events about their favorite artists
Main Sequence	<ol style="list-style-type: none">1- Feed appears2- User scrolls down, seeing recommended artists and events related to their likings3- If user likes any recommended artist or event and he selects it4- Two buttons appear to choose between buy or save in preferences5- If preference button is selected, artist is automatically saved in favorites (AC1)
Alternate Sequence	AC1- User can't be saved in favorites. (maybe reached max.)



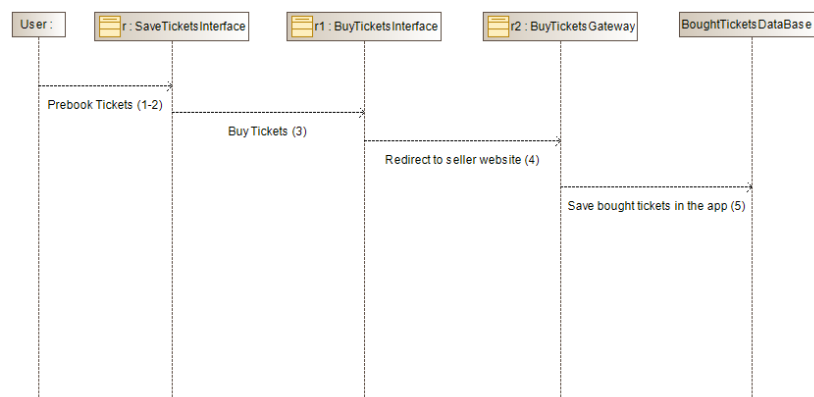
3 - SEARCH

Description	The objective is for the user to find exactly the artist they're looking for by inputting their name
Actors	User
Triggers	Launching the app and being in the Search section
Preconditions	The app must've launched successfully
Postconditions	The user must've found either the artist or someone related to the name given.
Main Sequence	<ol style="list-style-type: none">1- Select search option in the bottom icon bar2- User writes the artist he wants to receive information of3- It shows the related names that our app has (AC1)4- User selects the one he was referring to5- Two buttons appear to choose between buy upcoming events from that artist or save in preferences6- That artist is stored in favorites (AC2)
Alternate Sequence	<p>AC1- Artist or any relations searched by the user do not appear in our app, return to step 2.</p> <p>AC2- Artist couldn't be saved in favorites, user has to repeat steps 4 and 5.</p>



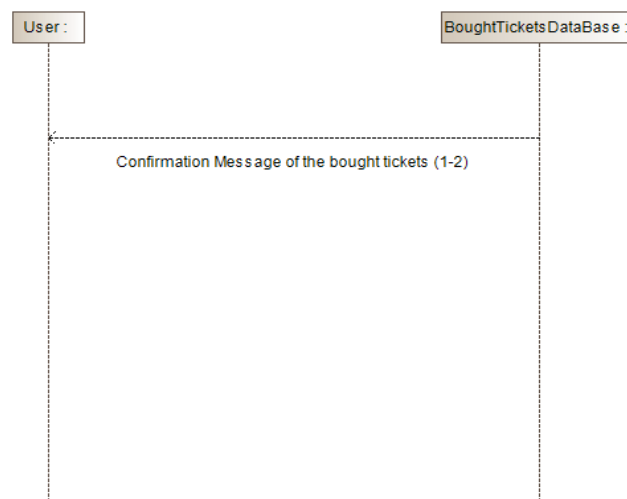
4 – BUY AND BOOK EVENTS

Description	The objective is for the user to have bought and booked the events they want.
Actors	User, ticket website
Triggers	Launching the app and having found an interesting event to buy
Preconditions	The app must've launched successfully
Postconditions	The user must've successfully bought the event they wanted
Main Sequence	<ol style="list-style-type: none">1- Select an artist's event2- Two buttons appear to choose between buy or save in preferences3- User select the buy option (AC1)4- Our app redirects the user to a selling ticket website5- The bought event saves into the bought tickets in our app
Alternate Sequence	AC1- All the tickets were already sold, the user goes back to step 1 and nothing is saved in the bought tickets section



5 - NOTIFICATIONS

Description	The objective is for the user to get informed about the upcoming events they have bought
Actors	User
Triggers	Having the app installed and notifications on
Preconditions	The app must've launched successfully
Postconditions	The user must've been informed with the notifications
Main Sequence	1- Our company sends a message to all phones having bought the event (AC1) 2- That message is displayed on the user's phone
Alternate Sequence	AC1- User couldn't receive the message, repeat step 1



TECHNOLOGIES

DEVELOP APP FOR ANDROID

Java	Very versatile programming language
Android Studio	Software development kit made by Android

DEVELOP APP FOR IOS

Swift	Apple native application for creating apps inside Apple's own environment
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DATABASE

Sql	Database management system
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GATEWAYS

Payment	PayPal API (an API is a group of software provided by the service to integrate other third party applications with it)
Ticket Servers	Various APIs to integrate our application with common used ticket services such as TicketMaster, Ticketea...
Email Server	Mailgun API

SECURITY

Firewall	Cloudflare to protect against SQL injection, DDos attacks, Cross Site Scripting and many more dangers
Encryption	Baffle will encrypt our data securely
Penetration testing	Sciencesoft provides penetration testing programs to find out possible vulnerabilities in our software

