



FOODINTEGRITY

Ensuring the Integrity of the European food chain

613688: Collaborative Project

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Dissemination level		
PU	Public	X
PP	Restricted to other participants	
RE	Restricted to a group specified by the consortium	
CO	Confidential, only members of the consortium	



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Deliverable 21.3 - F.I.S.HUB Application

Executive Summary

This Deliverable describes the last updates made to the FisHUB App.

The main improvements are:

- Finalized the list of species available for detection through the app
- Added a link to a pdf guide prepared by IZSPLVA to train users in recognizing the most important fish features related to product quality.
- Added a help section to the App
- Added a language selector (ita/eng)
- Published in Apple Store and Google PlayStore

Description of Deliverable

The App, named FisHUB is available through the Apple Store for IOS devices, and through the www.fishub.eu website and soon on the Google PlayStore for Android devices.

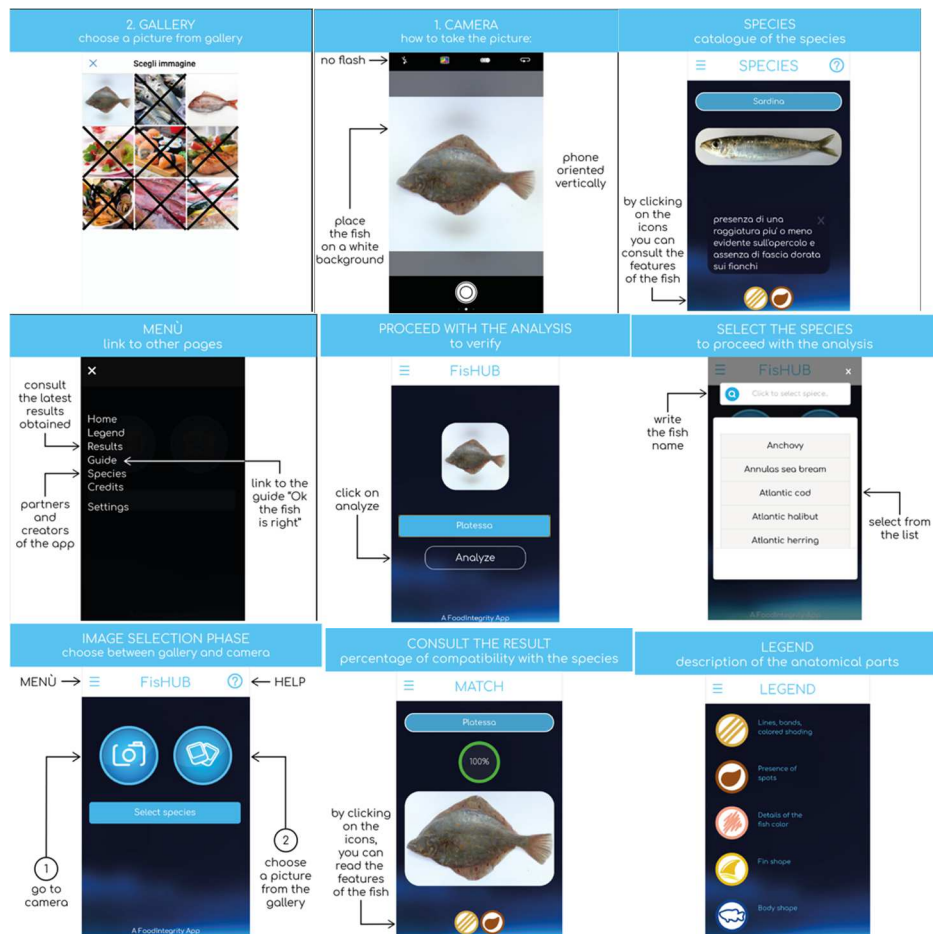
Species

The current list of the 22 available species follows. More species can be added provided an acceptable number of reference photos to reliably train a corresponding classifier.

ORDER	FAMILY	GENUS	SPECIES	Italian common name	English common name
Clupeiformes	Clupeidae	Clupea	harengus	aringa, aringa atlantica	herring, atlantic herring
Clupeiformes	Clupeidae	Sardina	pilchardus	sardina	sardine, pilchard
Clupeiformes	Clupeidae	Sprattus	sprattus	spratto, papalina	sprat, bristling, skipper
Clupeiformes	Engraulidae	Engraulis	encrasicolus	acciuga, alice	european anchovy, anchovy
Gadiformes	Gadidae	Gadus	morhua	merluzzo nordico/bianco	cod, codling
Gadiformes	Gadidae	Melanogrammus	aeglefinus	asinello, eglefino, haddock	haddock
Gadiformes	Gadidae	Merlangius	merlangus	merlano, molo	merling, whiting
Gadiformes	Gadidae	Pollachius	virens	merluzzo nero/carbonaro	saithe
Gadiformes	Merlucciidae	Merluccius	merluccius	nasello, merluzzo	european hake
Perciformes	Sparidae	Dentex	gibbosus	dentice corazziere/dalla corona	pink dentex
Perciformes	Sparidae	Diplodus	annularis	sparaglione, sarago	annular sea bream
Perciformes	Sparidae	Pagellus	acarne	pagello/fragolino bastardo	axillary sea bream
Perciformes	Sparidae	Pagellus	erythrinus	pagello fragolino, fragolino	pandora, common pandora
Perciformes	Sparidae	Pagrus	caeruleostictus	Pagro azzurro/reale	blue-spotted sea bream
Pleuronectiformes	Pleuronectidae	Hippoglossus	hippoglossus	halibut, ippoglosso	atlantic halibut, halibut
Pleuronectiformes	Pleuronectidae	Limanda	limanda	limanda	dab, common dab
Pleuronectiformes	Pleuronectidae	Microstomus	kitt	limanda-sogliola, sogliola limanda	lemon sole
Pleuronectiformes	Pleuronectidae	Pleuronectes	platessa	platessa	european plaice
Pleuronectiformes	Pleuronectidae	Reinhardtius	hippoglossoides	halibut della Groenlandia	greenland halibut/turbot
Pleuronectiformes	Scophthalmidae	Psetta	maxima	rombo chiodato/maggiore	turbot
Pleuronectiformes	Scophthalmidae	Scophthalmus	rhombus	rombo, rombo liscio/di rena	brill
Pleuronectiformes	Soleidae	Solea	vulgaris	sogliola, sogliola comune	sole, dover/black sole

Help

The new help section in the app explains how to use the app and especially how to take a picture in order to maximize the reliability of the result. The help screenshots are the following:



Language

The app works in both English and Italian, the two languages of the FisHUB project partners.

Guide

The app has now, in the menu section, a link to a GUIDE designed by the IZSPLVA to train users in recognizing the most important fish features related to product quality.

Stores

The app is now available on Apple App Store and on the Europeans Google Play Store.