BioTourS – "Biodiversity and Tourism Strategy to protect cetaceans"

Support for data search and acquisition

Version 3.0

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STIIMA
Sistemi e Tecnologie Industriali Intelligenti per il Manifatturiero Avanzato
Consiglio Nazionale delle Ricerche

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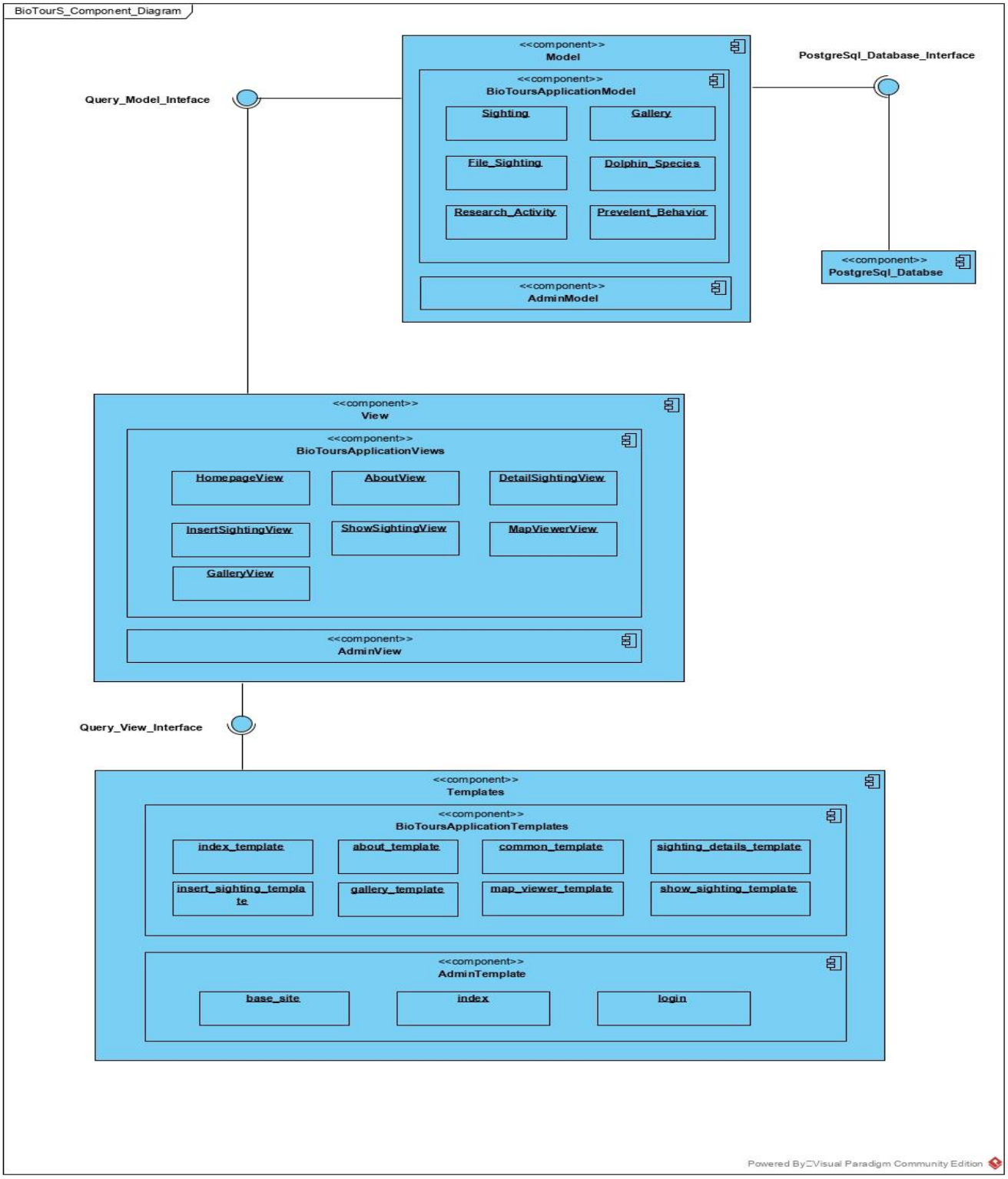

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PRODUCT BACKLOG

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1. PRODUCT BACKLOG

1.1 Introduction

BioTourS is a web application developed to play a supporting role to Jonian Dolphin Conservation in the management of the data acquired during the Youth Camps which will then be used for the creation of the catalog.

1.2 Business Context

BioTourS has been developed in the context of INTERREG IPA CBC ITALY – ALBANIA – MONTENEGRO program, the BioTourS – "Biodiversity and Tourism Strategy to protect cetaceans" project was approved by the Monitoring Committee of the Interreg Italy – Albania – Montenegro Program in Tivat (Montenegro) on 18–19 December 2019.

1.3 Stakeholder

BioTourS is a web application which can be used to collect data of cetaceans sighting. At the same time, it could be used from all people to enrich the catalogue. So, there is a general user and an administrator who can manage the catalogue.

1.4 Functional Items

1.4.1 IF-1

AS User

I WANTO TO enter a new sighting

SO THAT a new observation will be saved in the catalogue

1.4.2 IF-2

AS User

I WANTO TO show the sightings in the catalogue

SO THAT I could know data in the catalogue

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1.4.3 IF-3

AS User

I WANTO TO search a sighting

SO THAT I can find the observation in which I'm interest in

1.4.4 IF-4

AS Admin

I WANTO TO login to the system

SO THAT I can access to the system

1.4.5 IF-5

AS Admin

I WANTO TO modify a sighting

SO THAT the observation is updated

1.4.6 IF-6

AS Admin

I WANTO TO delete a sighting

SO THAT an observation will be removed from the catalogue

1.4.7 IF-7

AS Admin

I WANTO TO add a new admin

SO THAT a new admin can handle the system

1.5 Information Items

1.5.1 IIN-1

For the item IF2, we want to implement different modality of visualization of the catalogue. We want to show using maps, tables and then a page with all the details of each sighting.

1.5.2 IIN-2

The system should have a homepage and an about section, in which we explain the aim of the project and platform

1.6 User Interface Items

1.6.1 IUI-1

The web application must be responsive, to be accessible either from desktop or mobile.

SPRINT REPORT N. 1

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2. SPRINT REPORT

2.1 Sprint Backlog

Item code	Sprint Number	Note
IF-1	1	Enter a sighting
IF-4	1	Login to the system
IF-5	1	Modify a sighting
IF-6	1	Delete a sighting
IF-7	1	Add a new admin
IIN-2	1	Homepage and about section
IF-2	2	Show sightings
IIN-1	2	Table, Map
IF-3	2	Search sighting
IUI-1	1	Responsive system

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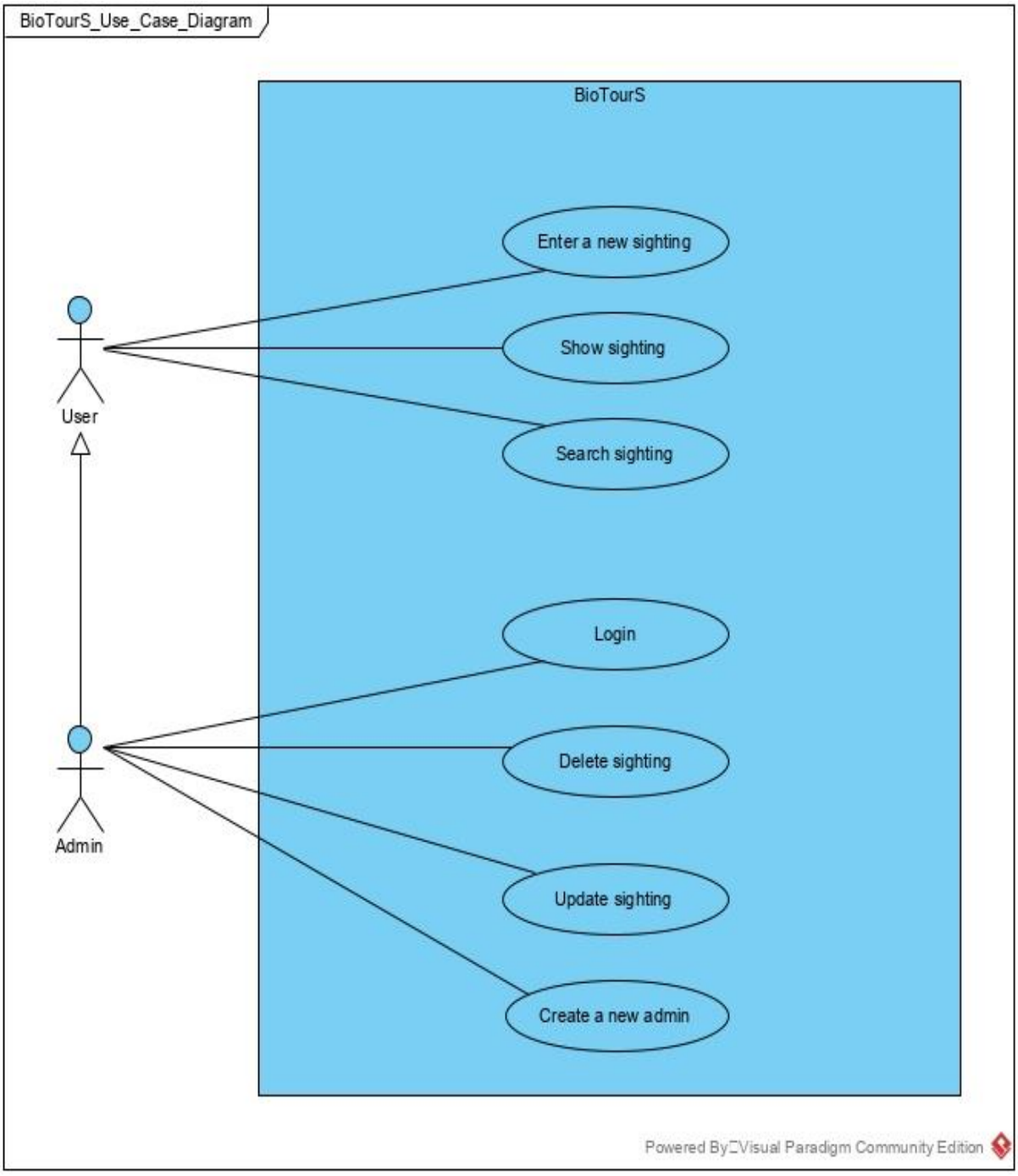
2.2 Product Requirement Specification

2.2.1 User Case Diagram



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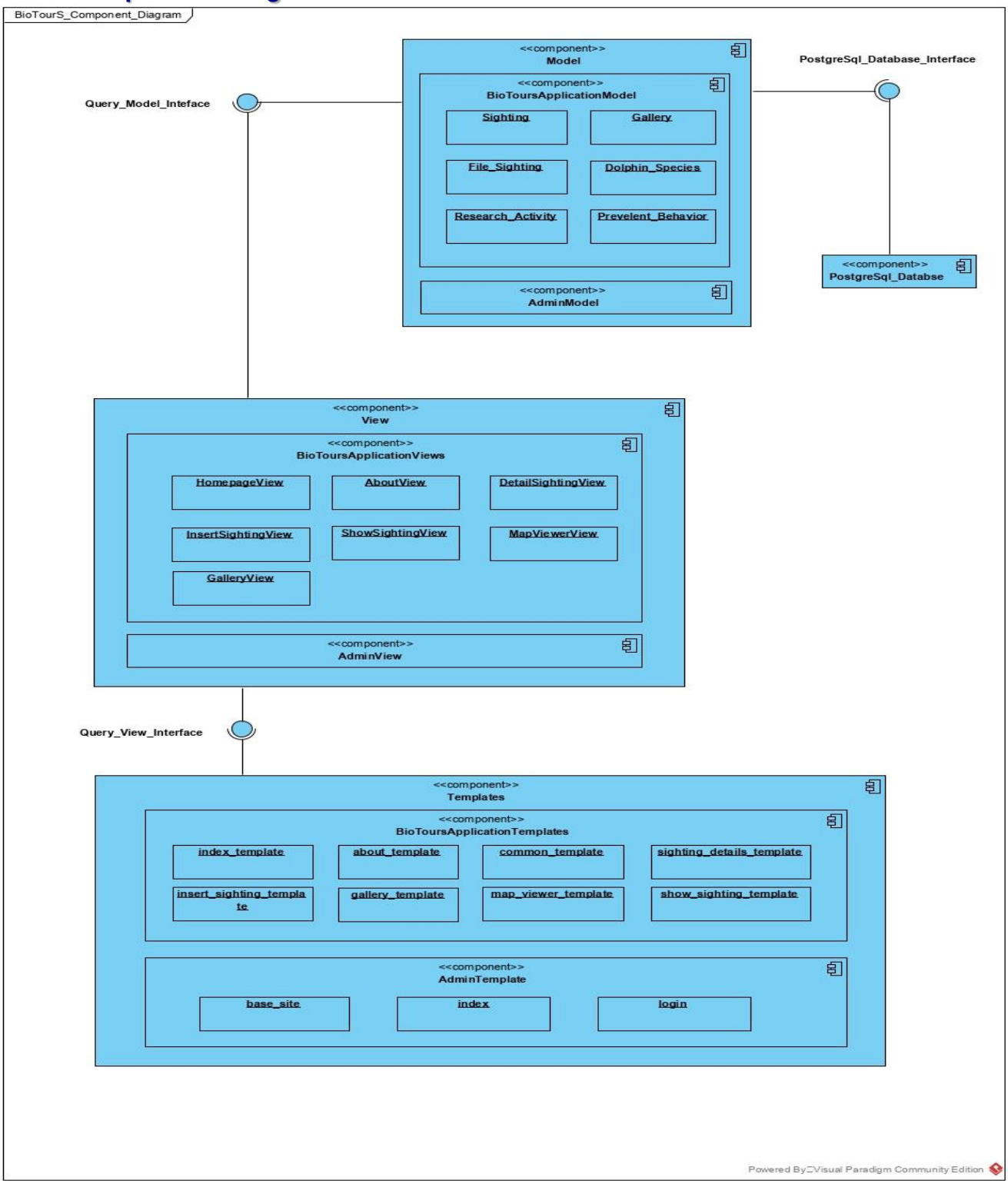
2.3 System Architecture

2.3.1 Components Diagram