Model Report

Dokumentacja projektowa systemu ComicVerse

Version 1.0 ●

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Author:		Kornel Samociuk

Table of Contents

Podstawowe informacje o dokumencie:			
Właściciel	POLITECHNIKA WARSZAWSKA		
Autor			
Zatwierdzający	Andrzej Stasiak	Data zatwierdzenia	
Wersja	1.0	Status	
Data utworzenia	2019-02-10	Data ostatniej modyfikacji	2025-02-26 23:45:56

Metryka zmian			
Data	wersja	Autor zmiany	Opis zmiany
2025-02-26	1.0		Wersja do przeglądu

Dokumenty powiązane:			
Nazwa dokumentu		wersja	
Zakres			

1   Wstęp

Niniejszy dokument stanowi element dokumentacji analitycznej systemu ComicVerse.

1.1 Informacje o dokumencie

Dokument przestawia klasy analityczne oraz diagramy komponentów i wdrożenia utworzone na potrzeby systemu ComicVerse.

1.2 Przeznaczenie dokumentu

Celem dokumentu jest przestawienie klas analitycznych oraz diagramów komponentów i wdrożenia utworzonych na potrzeby systemu ComicVerse.

1.1 Interfejsy

Figure 1: Interfejsy

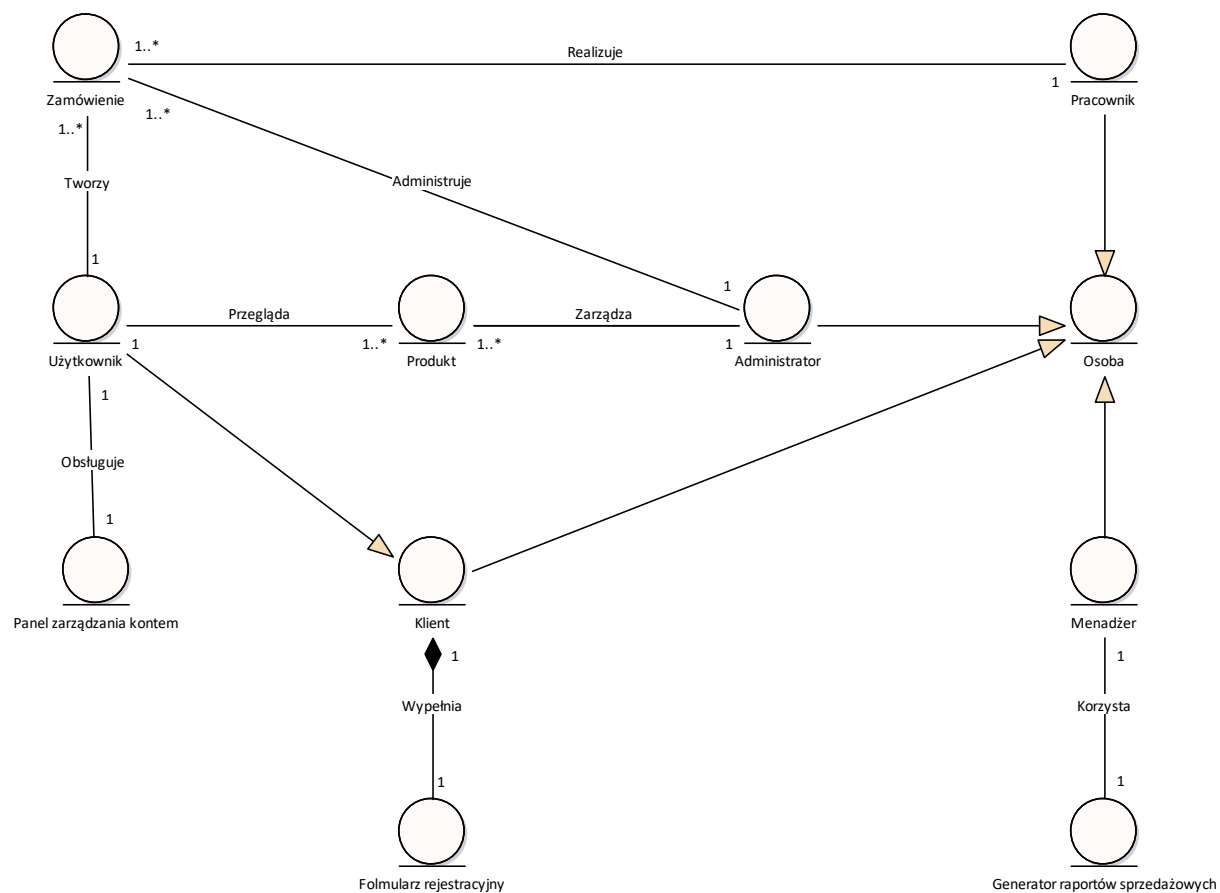## 1.2 Dane

Figure 2: Dane

1.3 Logika aplikacyjna

Sterowanie_przegladaniem_produktów

+   pobierz_produkty_do_przegladania(): void

Sterowanie_modyfikuj_produkt

+   modyfikuj_produkt(): void

Sterowanie_kontem

+   weryfikuj_konto(): void
+   zapisz_do_newslettera(): void
+   zapisz_konto(): void

Sterowanie_raportem_sprzedazy

+   generuj_raport_sprzedazy(): void
+   zapisz_raport_sprzedazy(): void

Sterowanie_produktami_w_koszyku

+   dodaj_produkt_do_koszyka(): void
+   usun_produkt_z_koszyka(): void

Sterowanie_zamowieniami

+   administruj_zamowienie(): void
+   cofnij_zamowienie(): void
+   dodaj_notatke(): void
+   pobierz_zamowienie(): void
+   zloz_zamowienie(): void
+   zmien_stan_zamowienia(): void
+   zrealizuj_zamowienie(): void

Sterowanie_zarzadzanie_kontem

+   przegladaj_zamowienia_archiwalne(): void
+   sprawdz_kody_rabatowe(): void
+   sprawdz_status_zamowienia(): void
+   wypisz_sie_z_newslettera(): void
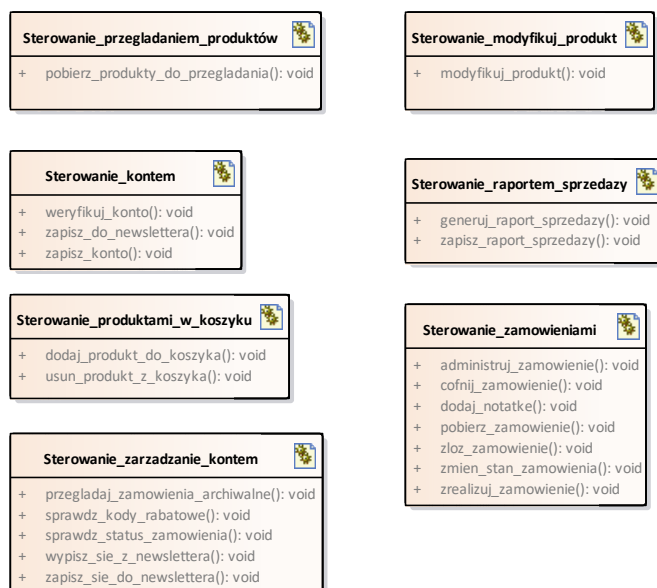+   zapisz_sie_do_newslettera(): void

Figure 3: Logika aplikacyjna
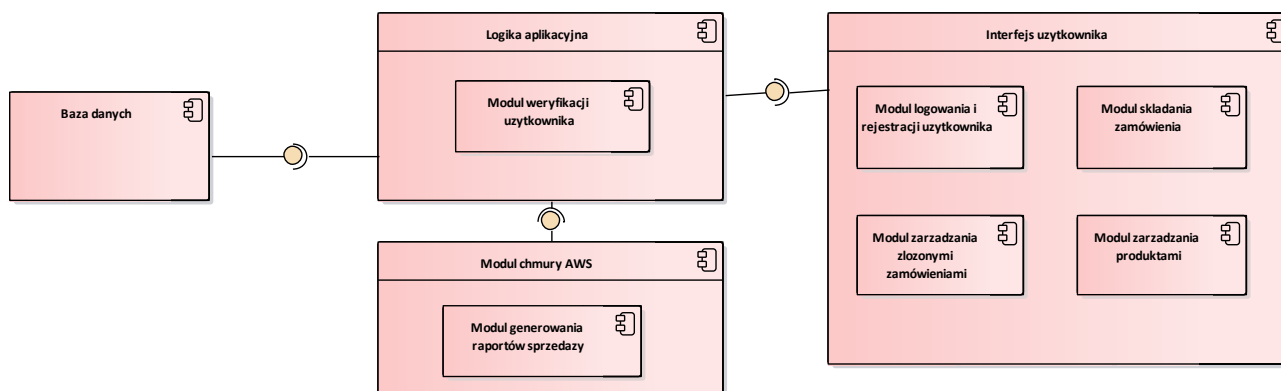
1.4 Diagram komponentów

Figure 4: Diagram komponentów

Diagram wdrożenia

Package in package 'Etap E'

Diagram wdrożenia
Version 1.0 Phase 1.0 Proposed
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Diagram wdrożenia diagram

Deployment diagram in package 'Diagram wdrożenia'

Diagram wdrożenia
Version 1.0
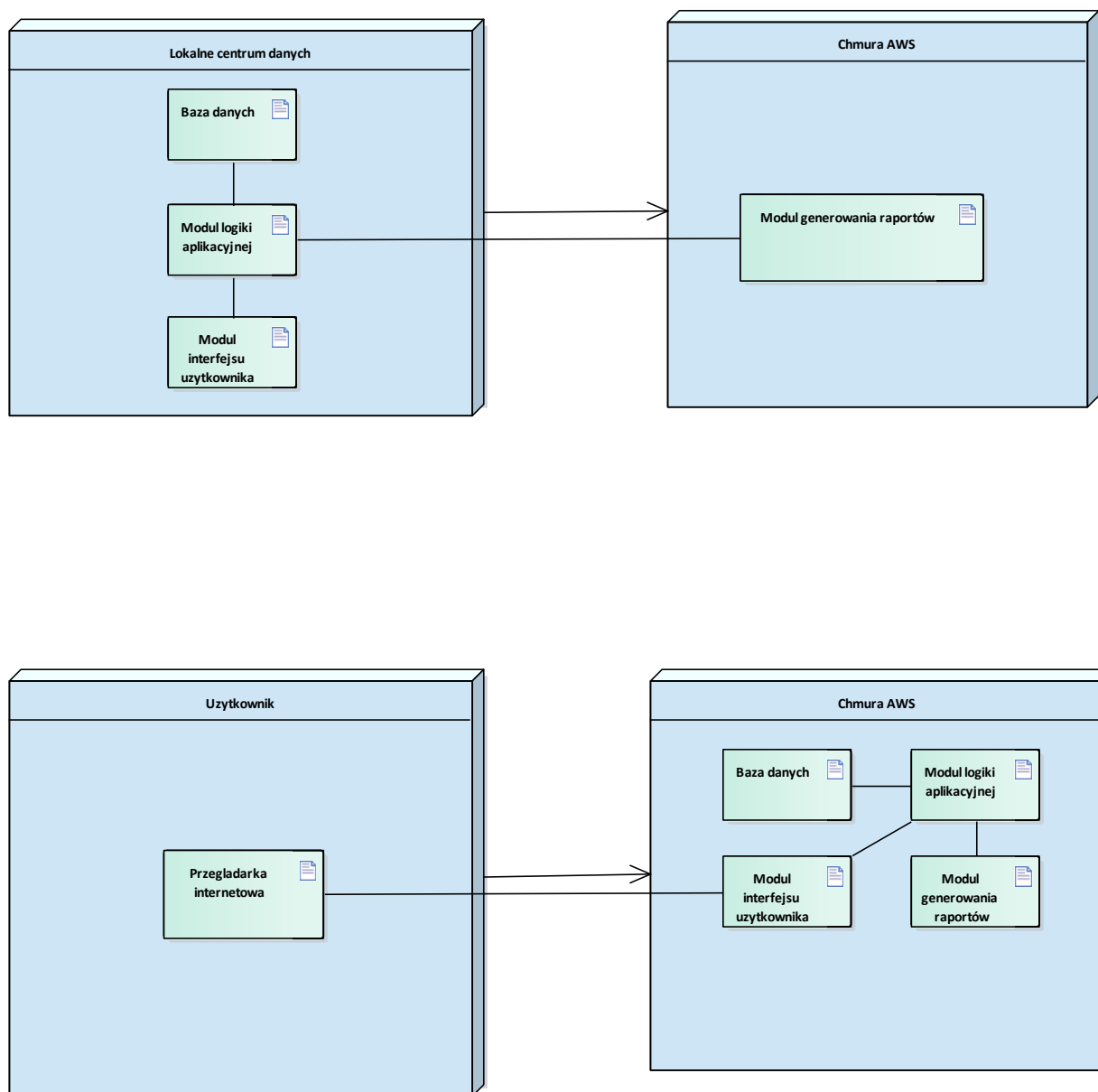Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-24

Figure 5: Diagram wdrożenia

Base Elements

Package in package 'Diagram wdrożenia'

Base Elements
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Node A

Node in package 'Base Elements'

Node A
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ATTRIBUTES
◆ Attribute A : int Private
[Is static True. Containment is Not Specified.]
◆ Attribute B : int Private
[Is static True. Containment is Not Specified.]

Artifact A

Artifact in package 'Base Elements'

Artifact A
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Artifact B

Artifact in package 'Base Elements'

Artifact B
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Execution Environment A

ExecutionEnvironment in package 'Base Elements'

Execution Environment A
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ATTRIBUTES
◆ Attribute A : int Private
[Is static True. Containment is Not Specified.]
◆ Attribute B : int Private
[Is static True. Containment is Not Specified.]

Deployment Specification A

DeploymentSpecification in package 'Base Elements'

Deployment Specification A
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Deployment Specification B

DeploymentSpecification in package 'Base Elements'

Deployment Specification B
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Deployment Specification B

DeploymentSpecification in package 'Base Elements'

Instances

Package in package 'Diagram wdrożenia'

<div align="right">

Instances
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</div>

Instance 01

Instance in package 'Instances'

<div align="right">

Instance 01
Version 1.0 Phase 1.0 Proposed
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</div>

ELEMENTS OWNED BY Instance 01: Node A
🗎 Instance 01 : Artifact

OUTGOING STRUCTURAL RELATIONSHIPS
⬅ CommunicationPath from Instance 01 to Instance 01
[Name is Communication Path A. Direction is 'Source -> Destination'.]

RUN STATES	OPERATOR	VALUE	NOTES
🏃 Attribute A	=	Value 1	
🏃 Attribute B	=	Value 2	

Instance 01

Artifact owned by 'Instance 01: Node A', in package 'Instances'

<div align="right">

Instance 01
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

</div>

ASSOCIATIONS
✏ Association (direction: Unspecified) Relationship A
Source: Public (Artifact) Instance 01   Target: Public (Artifact) Instance A
✏ Association (direction: Unspecified)
Source: Public (DeploymentSpecification) Instance 01   Target: Public (Artifact) Instance 01

Instance A

Artifact in package 'Instances'

Instance A
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ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (DeploymentSpecification) Instance A   Target: Public (Artifact) Instance A

✏ Association (direction: Unspecified) Relationship A

Source: Public (Artifact) Instance 01   Target: Public (Artifact) Instance A

Instance 01

DeploymentSpecification in package 'Instances'

Instance 01
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (DeploymentSpecification) Instance 01   Target: Public (Artifact) Instance 01

Instance 01

Instance in package 'Instances'

Instance 01
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INCOMING STRUCTURAL RELATIONSHIPS

⇒ CommunicationPath from Instance 01 to Instance 01

[Name is Communication Path A. Direction is 'Source -> Destination'.]

RUN STATES	OPERATOR	VALUE	NOTES
🏃 Attribute A	=	Value A	

🏃 Attribute B	=	Value B	

Instance A

DeploymentSpecification in package 'Instances'

Instance A
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✏️ Association (direction: Unspecified)
Source: Public (DeploymentSpecification) Instance A   Target: Public (Artifact) Instance A

Chmura AWS

Node in package 'Diagram wdrożenia'

Chmura AWS
Version 1.0 Phase 1.0 Proposed
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ELEMENTS OWNED BY Chmura AWS
🗐 Modul generowania raportów : Artifact

INCOMING STRUCTURAL RELATIONSHIPS
➡️ CommunicationPath from Lokalne centrum danych to Chmura AWS
[Direction is 'Source -> Destination'.]

Modul generowania raportów

Artifact owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Modul generowania raportów
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✏️ Association (direction: Unspecified)
Source: Public (Artifact) Modul logiki aplikacyjnej   Target: Public (Artifact) Modul generowania raportów

Chmura AWS

Node in package 'Diagram wdrożenia'

Czesc rozwiazania opartego na calkowitym przeniesieniu aplikacji do chmury

Chmura AWS
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ELEMENTS OWNED BY Chmura AWS
🗄 Baza danych : Artifact
🗄 Modul generowania raportów : Artifact
🗄 Modul interfejsu uzytkownika : Artifact
🗄 Modul logiki aplikacyjnej : Artifact
🗄 Component1 : Component

INCOMING STRUCTURAL RELATIONSHIPS
➡ CommunicationPath from Uzytkownik to Chmura AWS
[Direction is 'Source -> Destination'.]

Baza danych

Artifact owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Baza danych
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✏ Association (direction: Unspecified)
Source: Public (Artifact) Baza danych Target: Public (Artifact) Modul logiki aplikacyjnej

Modul generowania raportów

Artifact owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Modul generowania raportów
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✎ Association (direction: Unspecified)
Source: Public (Artifact) Modul logiki aplikacyjnej   Target: Public (Artifact) Modul generowania raportów

Modul interfejsu uzytkownika

Artifact owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Modul interfejsu uzytkownika
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✎ Association (direction: Unspecified)
Source: Public (Artifact) Modul interfejsu uzytkownika   Target: Public (Artifact) Modul logiki aplikacyjnej
✎ Association (direction: Unspecified)
Source: Public (Artifact) Przegladarka internetowa   Target: Public (Artifact) Modul interfejsu uzytkownika

Modul logiki aplikacyjnej

Artifact owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Modul logiki aplikacyjnej
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ASSOCIATIONS
✎ Association (direction: Unspecified)
Source: Public (Artifact) Modul logiki aplikacyjnej   Target: Public (Artifact) Modul generowania raportów
✎ Association (direction: Unspecified)
Source: Public (Artifact) Baza danych   Target: Public (Artifact) Modul logiki aplikacyjnej
✎ Association (direction: Unspecified)
Source: Public (Artifact) Modul interfejsu uzytkownika   Target: Public (Artifact) Modul logiki aplikacyjnej

Component1

Component owned by 'Chmura AWS', in package 'Diagram wdrożenia'

Component1
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Lokalne centrum danych

Node in package 'Diagram wdrożenia'

Lokalne centrum danych
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ELEMENTS OWNED BY Lokalne centrum danych
⊟ Baza danych : Artifact
⊟ Modul interfejsu uzytkownika : Artifact
⊟ Modul logiki aplikacyjnej : Artifact

OUTGOING STRUCTURAL RELATIONSHIPS
⬅ CommunicationPath from Lokalne centrum danych to Chmura AWS [Direction is 'Source -> Destination'.]

Baza danych

Artifact owned by 'Lokalne centrum danych', in package 'Diagram wdrożenia'

Baza danych
Version 1.0 Phase 1.0 Proposed
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ASSOCIATIONS	
✏ Association (direction: Unspecified)	
Source: Public (Artifact) Modul logiki aplikacyjnej	Target: Public (Artifact) Baza danych

Modul interfejsu uzytkownika

Artifact owned by 'Lokalne centrum danych', in package 'Diagram wdrożenia'

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Artifact) Modul interfejsu uzytkownika   Target: Public (Artifact) Modul logiki aplikacyjnej

Modul logiki aplikacyjnej

Artifact owned by 'Lokalne centrum danych', in package 'Diagram wdrożenia'

Modul logiki aplikacyjnej
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Artifact) Modul logiki aplikacyjnej   Target: Public (Artifact) Baza danych

✏ Association (direction: Unspecified)

Source: Public (Artifact) Modul logiki aplikacyjnej   Target: Public (Artifact) Modul generowania raportów

✏ Association (direction: Unspecified)

Source: Public (Artifact) Modul interfejsu uzytkownika   Target: Public (Artifact) Modul logiki aplikacyjnej

Uzytkownik

Node in package 'Diagram wdrożenia'

Czesc rozwiazania opartego na calkowitym przeniesieniu aplikacji do chmury

Uzytkownik
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ELEMENTS OWNED BY Uzytkownik

📄 Przegladarka internetowa : Artifact

OUTGOING STRUCTURAL RELATIONSHIPS

OUTGOING STRUCTURAL RELATIONSHIPS
⬅ CommunicationPath from Uzytkownik to Chmura AWS [Direction is 'Source -> Destination'.]

Przegladarka internetowa

Artifact owned by 'Uzytkownik', in package 'Diagram wdrożenia'

Przegladarka internetowa
Version 1.0 Phase 1.0 Proposed
Konrad Wysokinski created on 2025-03-22. Last modified 2025-03-22

ASSOCIATIONS
✏ Association (direction: Unspecified)
Source: Public (Artifact) Przegladarka internetowa

Target: Public (Artifact) Modul interfejsu uzytkownika

Artifact1

Artifact «Executable» in package 'Diagram wdrożenia'

Artifact1
Version 1.0 Phase 1.0 Proposed
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Artifact2

Artifact «Source» in package 'Diagram wdrożenia'

Artifact2
Version 1.0 Phase 1.0 Proposed
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DeploymentSpecification1

DeploymentSpecification in package 'Diagram wdrożenia'

DeploymentSpecification1
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