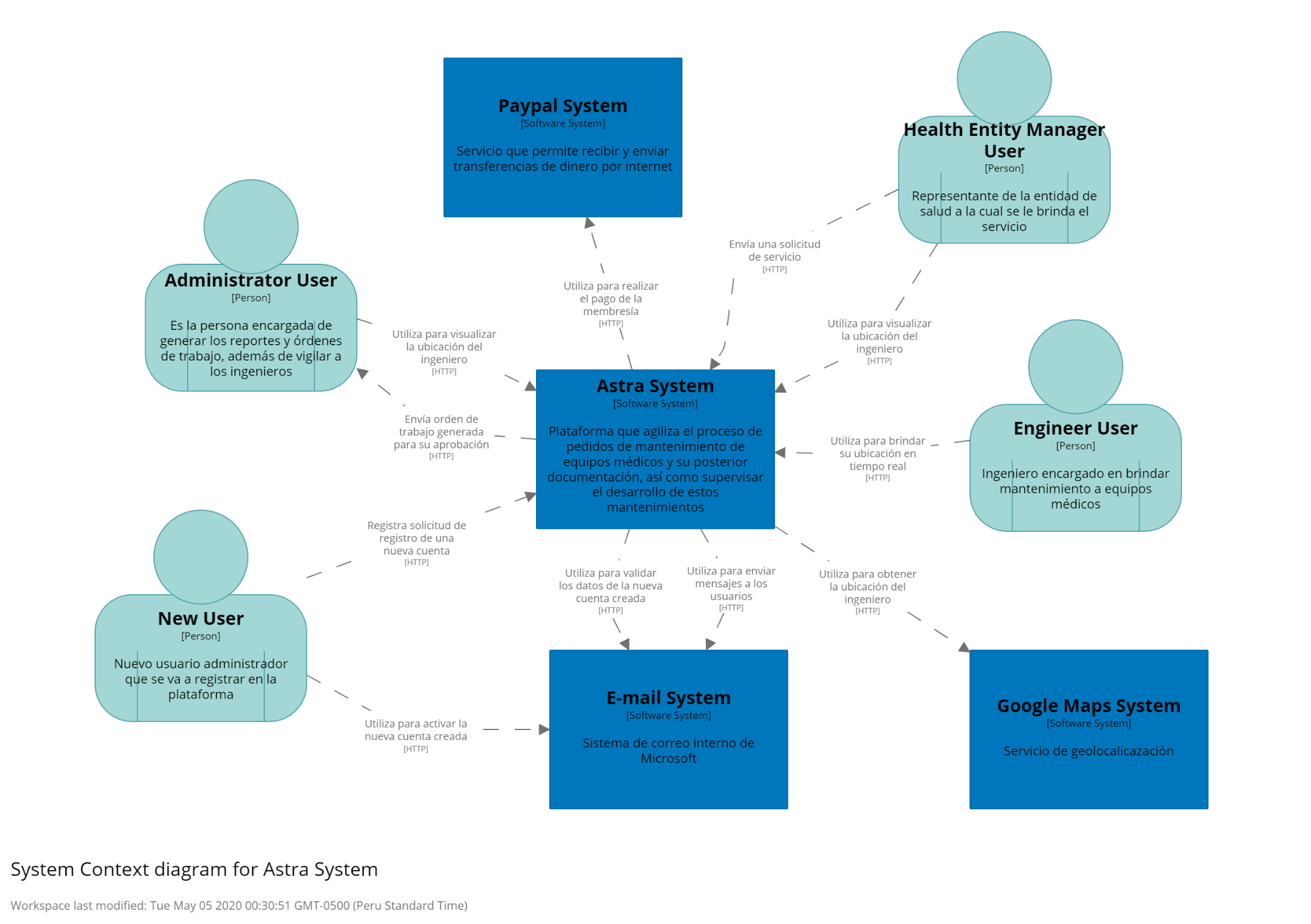
|  |  |
| --- | --- |
| **Astra** | Fecha: 18/05/2020 |
| Revisión: 1.0 |

|  |  |  |
| --- | --- | --- |
| 1.0 | Gonzalo Alonso Escudero Perla | 18/05/2020 |

**Architecture Overview**

Fuente: Elaboración propia mediante la plataforma Structurizr

#### **Context Diagram Json**

{

"id": 53761,

"name": "Workspace 53761",

"description": "An empty workspace.",

"revision": 6,

"lastModifiedDate": "2020-04-28T00:46:48Z",

"lastModifiedUser": "u201712673@upc.edu.pe",

"lastModifiedAgent": "structurizr-web/1876",

"model": {

"people": [

{

"id": "9",

"tags": "Element,Person",

"name": "Administrator User",

"description": "Es la persona encargada de generar los reportes y órdenes de trabajo, además de vigilar a los ingenieros",

"relationships": [

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"id": "30",

"tags": "Relationship",

"sourceId": "9",

"destinationId": "11",

"description": "Realiza el pago a través de su sistema",

"interactionStyle": "Synchronous"

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{

"id": "33",

"tags": "Relationship",

"sourceId": "9",

"destinationId": "1",

"description": "Solicita ubicación del ingeniero",

"interactionStyle": "Synchronous"

}

],

"location": "Unspecified"

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"id": "7",

"tags": "Element,Person",

"name": "Engineer User",

"description": "Ingeniero encargado en brindar mantenimiento a equipos médicos",

"relationships": [

{

"id": "22",

"tags": "Relationship",

"sourceId": "7",

"destinationId": "3",

"description": "Solicita su posición en el mapa",

"interactionStyle": "Synchronous"

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"id": "21",

"tags": "Relationship",

"sourceId": "7",

"destinationId": "1",

"description": "Brinda ubicación a tiempo real",

"interactionStyle": "Synchronous"

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"location": "Unspecified"

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{

"id": "8",

"tags": "Element,Person",

"name": "Health Entity Manager User",

"description": "Representante de la entidad de salud a la cual se le brinda el servicio",

"relationships": [

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"id": "32",

"tags": "Relationship",

"sourceId": "8",

"destinationId": "1",

"description": "Envía un solicitud de servicio",

"interactionStyle": "Synchronous"

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{

"id": "31",

"tags": "Relationship",

"sourceId": "8",

"destinationId": "1",

"description": "Solicita ubicación del ingeniero",

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"location": "Unspecified"

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"id": "10",

"tags": "Element,Person",

"name": "New User",

"description": "Persona que va a crear una cuenta administrativa",

"relationships": [

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"id": "12",

"tags": "Relationship",

"sourceId": "10",

"destinationId": "1",

"description": "Envía solicitud de registro con una cuenta externa",

"interactionStyle": "Synchronous"

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"id": "13",

"tags": "Relationship",

"sourceId": "10",

"destinationId": "2",

"description": "Envía confirmación de login",

"interactionStyle": "Synchronous"

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"location": "Unspecified"

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"softwareSystems": [

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"id": "1",

"tags": "Element,Software System",

"name": "Astra System",

"description": "Facilita la realización de pedidos de mantenimiento y su posterior documentación",

"relationships": [

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"id": "27",

"tags": "Relationship",

"sourceId": "1",

"destinationId": "8",

"description": "Envía ubicación del ingeniero",

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"description": "Envía solicitud para validar datos del nuevo usuario",

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{

"id": "34",

"tags": "Relationship",

"sourceId": "1",

"destinationId": "9",

"description": "Envía orden de trabajo generada para su aprobación",

"interactionStyle": "Synchronous"

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"tags": "Relationship",

"sourceId": "1",

"destinationId": "9",

"description": "Solicita pago de membresía",

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"sourceId": "1",

"destinationId": "9",

"description": "Envía ubicación del ingeniero seleccionado",

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"id": "20",

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"name": "Astra Database",

"description": "Base de datos relacional de Microsoft SQL Server desplegado a través de Azure Cloud Services",

"technology": "Database"

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"id": "5",

"tags": "Element,Container",

"name": "Clenic Mobile Android app",

"description": "Aplicación de Android para el consumo del API RESTful",

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"name": "Server-side web application",

"description": "Una aplicación web en ASP .NET desplegado en Microsoft IIS",

"technology": "Server-side web application"

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"id": "2",

"tags": "Element,Software System",

"name": "E-mail System",

"description": "Sistema de correo interno de Microsoft",

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"tags": "Relationship",

"sourceId": "2",

"destinationId": "1",

"description": "Valida los datos de registro del nuevo usuario",

"interactionStyle": "Synchronous"

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"id": "14",

"tags": "Relationship",

"sourceId": "2",

"destinationId": "10",

"description": "Manda solicitud de confirmación de login",

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"id": "3",

"tags": "Element,Software System",

"name": "Google Maps System",

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"id": "23",

"tags": "Relationship",

"sourceId": "3",

"destinationId": "7",

"description": "Brinda ubicación a tiempo real",

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"id": "11",

"tags": "Element,Software System",

"name": "Paypal System",

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"order": 7,

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"content": "### Decisions and Alternatives\n\n### Questions and Answers\n\n### References"

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"order": 1,

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"title": "System Qualities",

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"content": "### Performance and Scalability\n\n### Security\n\n### Availability and Resilience\n\n### Evolution\n\n### Other Qualities"

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"title": "Architectural Forces",

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"content": "### Goals\n\n### Constraints\n\n### Architectural Principles"

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"order": 3,

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"content": "### Stakeholders\n\n### Overview of Requirements\n\n### System Scenarios"

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"stroke": "#55a3ab",

"shape": "Person"

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"tag": "Element",

"background": "#0077bc"

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"tag": "Container",

"background": "#c2d5e4"

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"dashed": true,

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"deploymentViews": [],

"filteredViews": []

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}