POSEIDON
THE POSEID-ON DASHBOARD
For Privacy and Digital Protection

Presenters:
Joris van Rooij (Jibe Company)

2019-07-11, COIMBRA
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1. INTRODUCTION
2. REQUIREMENTS
3. APPROACH
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POSEID-ON PROJECT

Protection and control of Secured Information by means of a privacy enhanced Dashboard

• innovative intrinsically scalable platform
• integrated and comprehensive solution aimed to safeguard the rights of data subjects
• exploiting the cutting-edge technologies of Smart Contracts and Blockchain
• support organisations in data management and processing
• ensuring GDPR compliance
POSEID-ON PROJECT
POSEID-ON PROJECT

https://www.poseidon-h2020.eu
REQUIREMENTS BOUNDARIES
WEB-BASED

Only a Web Browser is needed

• Targeting the most common application platform in the world
• Reaching the largest group of users
• Open standards

Initially, the largest subset of browsers is supported.
ACCESSIBLE AND RESPONSIVE

Every European citizen counts

• Different languages
• Different devices
• Different levels of technology-literacy
• Different disabilities
PERFORMANT AND SCALABLE

Increasing user satisfaction

• Fast responses for a smooth user experience
• Scale and performance is often linked
• Scalable from a small number of users to millions
SECURE

Keeping user data safe

• Handling vast amounts of highly sensitive data
• Security in-depth, KISS approach
• Leading web security standards and best practices
MAINTAINABLE

Important technology infrastructure

• Easy to deploy
• Easy to support
• Easy to build upon
• Clean code
• Modular
• Documentation. Documentation everywhere.
THE USER COMES FIRST NO EXCEPTIONS
WHO IS THE USER?
WHO IS THE USER?

The most important question

Every European citizen, right?
WHO IS THE USER?

We are not the average user
INTRODUCING: PIERRE

Pierre Lacroix is our user

- Pierre is not real
- Pierre has a complete backstory
- 59-year-old Electrician from Paris, France
- Enjoys the occasional barbecue with his neighbours
TOP-DOWN APPROACH

Backwards: from user interface, to front-end, to back-end
TOP-DOWN APPROACH

Many benefits

• Collect user feedback at an extremely early stage
  – Feedback loop is very short
• Uncovering previously unknown requirements
• Shapes the expectations early on
  – Avoids surprises later on
PROGRESS

Integration

Front-end

Back-end
<table>
<thead>
<tr>
<th>Service</th>
<th>Time</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ING Bank</td>
<td>10:37</td>
<td>07.04.2019</td>
<td>Lorem ipsum dolor sit amet, co...</td>
</tr>
<tr>
<td>Service-Public.fr</td>
<td>11:23</td>
<td>07.04.2019</td>
<td>Lorem ipsum dolor sit amet, co...</td>
</tr>
<tr>
<td>lcl.fr</td>
<td>14:25</td>
<td>07.04.2019</td>
<td>Lorem ipsum dolor sit amet, co...</td>
</tr>
<tr>
<td>Service-Public.fr</td>
<td>12:54</td>
<td>07.04.2019</td>
<td>Lorem ipsum dolor sit amet, co...</td>
</tr>
<tr>
<td>lcl.fr</td>
<td>08:40</td>
<td>07.04.2019</td>
<td>Lorem ipsum dolor sit amet, co...</td>
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<td>lcl.fr</td>
<td>14:25</td>
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</tr>
<tr>
<td>Data Processor</td>
<td>Documents</td>
<td>Data Types</td>
<td>Storage</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------</td>
<td>------------</td>
<td>---------</td>
</tr>
<tr>
<td>ING Bank</td>
<td>2</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Ministère de l'action et des compte ...</td>
<td>1</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>Service-Public.fr</td>
<td>4</td>
<td>12</td>
<td>40</td>
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<tr>
<td>Ict.fr</td>
<td>0</td>
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<tr>
<td>ING Bank</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Ministère de l'action et des compte ...</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Data Processors > ING Bank

#### General info

**ING Bank**
Last Interaction | 10:37 | 07.04.2019

#### Latest Activity

- **Personal information update**
  - 10:37 | 07.04.2019
- **Credit card renewal**
  - 10:35 | 07.04.2019

#### Personal Data List (13)

<table>
<thead>
<tr>
<th>Info</th>
<th>Personal Data List (13)</th>
<th>File</th>
<th>Source</th>
<th>Expire</th>
<th>Shared</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name and Surname</strong></td>
<td></td>
<td>TXT</td>
<td>Service-Public.fr</td>
<td>11/05/2019</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
<td>TXT</td>
<td>Personal input</td>
<td>02/25/2019</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Personal Code</strong></td>
<td></td>
<td>TXT</td>
<td>Service-Public.fr</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Phone Number</strong></td>
<td></td>
<td>TXT</td>
<td>Personal input</td>
<td>06/11/2019</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Passport copy</strong></td>
<td></td>
<td>PNG</td>
<td></td>
<td>06/11/2019</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Agreement 11.02</strong></td>
<td></td>
<td>PDF</td>
<td></td>
<td>06/11/2019</td>
<td>✔</td>
</tr>
</tbody>
</table>
### Data Processors > ING Bank

#### General info

**ING Bank**

Last interaction | 10:37 | 07.04.2019

- Request for new data

#### Latest Activity

- **Personal information update**
  
  10:37 | 07.04.2019

- **Credit card renewal**
  
  10:35 | 07.04.2019

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<table>
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<th>Source</th>
<th>Expire</th>
<th>Shared</th>
</tr>
</thead>
<tbody>
<tr>
<td>By default</td>
<td>Active (6)</td>
<td>Requests (1)</td>
<td>Inactive (8)</td>
<td><strong>Financial Information</strong></td>
</tr>
</tbody>
</table>
General Data Protection Regulation

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using ‘Content here, content here’, making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for ‘lorem ipsum’ will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

Chapter 1

General Provisions
Art 1 - 4

Chapter 2

Rights of the data subject
Art 1 - 4

Chapter 4

General Provisions
Art 1 - 4

Chapter 5

General Provisions
Art 1 - 4

Chapter 1

General Provisions
Art 1 - 4

1. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry’s standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

2. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry’s standard dummy text ever since the 1500s, when an unknown...
THANK YOU