Exploitable Results by Third Parties
17038 VISDOM

Project details

<table>
<thead>
<tr>
<th>Project leader:</th>
<th>VELI-PEKKA ELORANTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email:</td>
<td><a href="mailto:veli-pekka.eloranta@vincit.fi">veli-pekka.eloranta@vincit.fi</a></td>
</tr>
<tr>
<td>Website:</td>
<td><a href="https://iteavisdom.org/">https://iteavisdom.org/</a></td>
</tr>
</tbody>
</table>
### Name: ROADMAPPER TOOL

<table>
<thead>
<tr>
<th>Input(s):</th>
<th>Main feature(s)</th>
<th>Output(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Trello tickets</td>
<td>• Rating items based on value and complexity</td>
<td>• Roadmap visualization</td>
</tr>
<tr>
<td>• JIRA tickets</td>
<td>• Create item relationships (synergy, dependency)</td>
<td>• Estimates of the release of the milestones</td>
</tr>
<tr>
<td>• Gitlab tickets</td>
<td>• Visualization of roadmap</td>
<td>• Visualization of value provided in the upcoming milestones</td>
</tr>
<tr>
<td>• Customer info</td>
<td>• Visualization of value provided to each customer and how the plan correspond to the intention of the company</td>
<td>• Micro-frontend to VISDOM dashboard</td>
</tr>
</tbody>
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### UNIQUE SELLING PROPOSITION(S):

- Unique way to visualize the value produced for each customer of the SaaS product
- Playing around with different scenarios and seeing how it affects the roadmap becomes easier than ever
- Developed in close collaboration with academic partners who have scientifically validated the approach

### INTEGRATION CONSTRAINT(S):

- Docker
- Node.js
- AWS
- PostgreSQL
- React 17
- Supported integrations: JIRA, Trello. Gitlab to be added soon.

### INTENDED USER(S):

Intended users of the roadmapper tool are developers, business persons and product owner of the system to be developed. Developers bring in the technical viewpoint and rate the items regarding their complexity. Business persons represent their customers and rate the items based on the value they create for the customers. Product owner has the final say in the value rating and can edit the importance of the customers that affect the roadmap planning.

### PROVIDER:


### CONTACT POINT:

Veli-Pekka Eloranta <veli-pekka.eloranta@vincit.fi>

### CONDITION(S) FOR REUSE:

MIT License

**Latest update: 7th of April 2022**
**Name:** Dashboard composer

<table>
<thead>
<tr>
<th>Input(s):</th>
<th>Main feature(s):</th>
<th>Output(s):</th>
</tr>
</thead>
</table>
| • Micro-frontend based visualizations | • Configurable dashboard that can display different content and views to different stakeholders  
• Utilization of externally hosted micro-frontend applications  
• Selection and layout of micro-frontends to one or more dashboard views | • Rendered dashboard views  
• Infrastructure for micro-frontend based visualizations |

**Unique Selling Proposition(s):**
- Technology-permissive visualization infrastructure
- Decoupled visualization and dashboard functionality
- Configurability for different roles or stakeholders
- Fast prototyping of visualizations

**Integration Constraint(s):**
- Docker
- Node.js
- Single-SPA (https://single-spa.js.org/)

**Intended User(s):**
Organizations and developers interested in stakeholder-specific visualizations

**Provider:**

**Contact Point:**
Henri Bomström <henri.bomstrom@oulu.fi>

**Condition(s) for Reuse:**
• MIT License

*Latest update: 2nd of May 2022*
## Name: Modular visualisation framework

<table>
<thead>
<tr>
<th>Input(s):</th>
<th>Main feature(s)</th>
<th>Output(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Software engineering and teaching tools</td>
<td>▪ A visualization and dashboard framework for software engineering and its teaching. The system is modular so that with introducing new components it can be adapted to new environments.</td>
<td>▪ Visualization dashboards</td>
</tr>
</tbody>
</table>

### UNIQUE SELLING PROPOSITION(S):
- Implementation of the VISDOM reference architecture
- Modular architecture allowing multiple reuse scenarios
- Readily implemented data fetchers for Gitlab version control systems and A+ learning management systems

### INTEGRATION CONSTRAINT(S):
- Suitable data sources: SW development tools, learning management systems. New tools will require development of new data fetcher components.
- A place to host the environment

### INTENDED USER(S):
- People developing visualization systems
- People developing teacher dashboards in software engineering education

### PROVIDER:
- Tampere University

### CONTACT POINT:
- kari.systa@tuni.fi

### CONDITION(S) FOR REUSE:
- Software is available as open source but without warranties
- MIT open source

*Latest update: 4th of May 2022*
Name: Invenco Dashboard

<table>
<thead>
<tr>
<th>Input(s):</th>
<th>Main feature(s)</th>
<th>Output(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Trello</td>
<td>▪ Financial and SW status visualization to different stakeholders (Product Owner, SW team lead, sw developer)</td>
<td>▪ Monthly financial status based on product net sales and profit</td>
</tr>
<tr>
<td>▪ Roadmapper Tool</td>
<td>▪ Configurable dashboard</td>
<td>▪ Release status (issues found) based on selected release items via Roadmapper tool</td>
</tr>
<tr>
<td>▪ Excel</td>
<td></td>
<td>▪ Market weak signal indicator by online video</td>
</tr>
<tr>
<td>▪ Visma Severa</td>
<td></td>
<td>▪ Monthly status (issues found) in production phase</td>
</tr>
</tbody>
</table>

**UNIQUE SELLING PROPOSITION(S):**
- Combination with financial and sw items way to visualize the value produced for each the SaaS product

**INTEGRATION CONSTRAINT(S):**
- MS .NET
- MS SQL Server
- STORED PROCEDURES

**INTENDED USER(S):**
Intended users of the InControl SW tool are developers, business persons and product owner. Developers see the technical viewpoint and rate the items regarding their complexity. Businesspersons see the big picture what is the affect to the financial perspective related to develop items. Product owner get guideline to next develop items.

**PROVIDER:**
Invenco Oy

**CONTACT POINT:**
Esa Ronkainen, esa.ronkainen@invenco.fi

**CONDITION(S) FOR REUSE:**
- FREE DEMO ENVIRONMENT
- COMMERCIAL LICENCES

Latest update: 13th of May 2022