

---

# Projeto Final de Programação

## **PUC-Rio**

Departamento de Informática  
Pós-Graduação em Informática

## **Professores**

Alessandro Garcia  
Clarisse Sieckenius de Souza

## **Aluno**

Johny Arriel - 2211653

## **Turma**

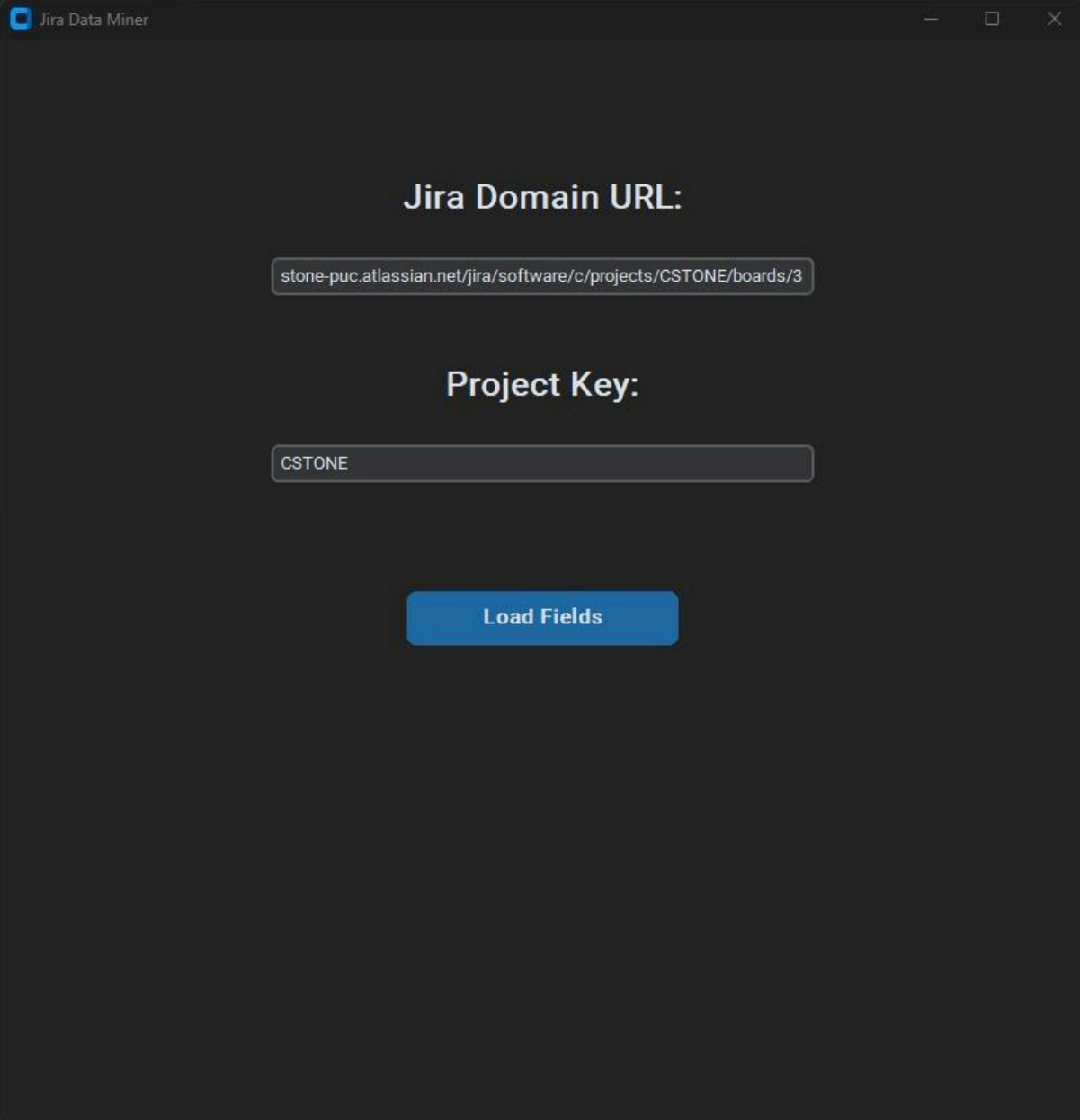
2024.1

## **Entrega**

29 de Agosto de 2024

# Fluxo de Operação do Software

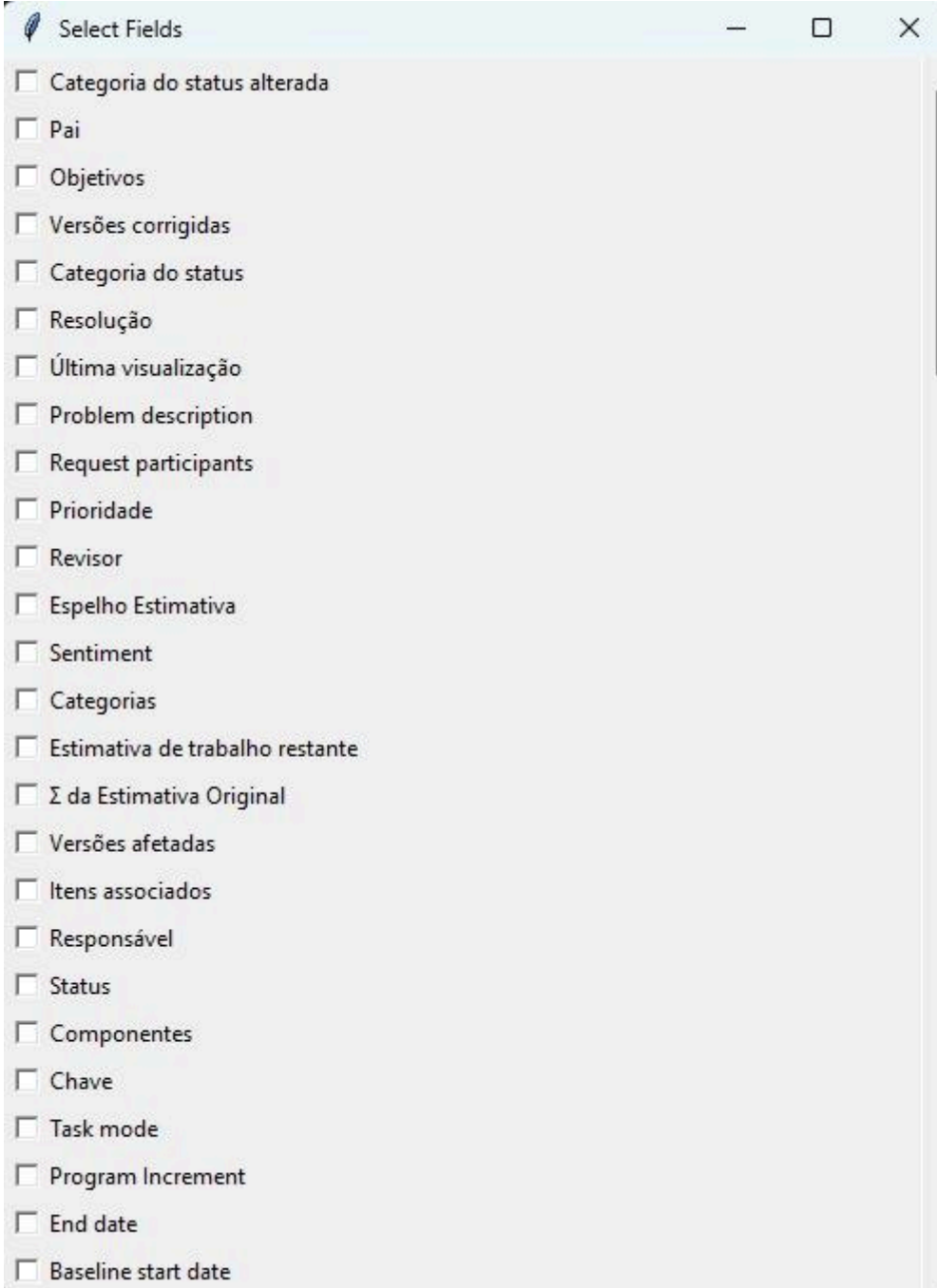
Tela 1 - Entrada para endereço web do projeto e chave que o representa



The screenshot shows a dark-themed application window titled "Jira Data Miner". The interface is centered and contains the following elements:

- Jira Domain URL:** A label above a text input field containing the URL: `stone-puc.atlassian.net/jira/software/c/projects/CSTONE/boards/3`.
- Project Key:** A label above a text input field containing the text: `CSTONE`.
- Load Fields:** A blue button with white text, positioned below the input fields.

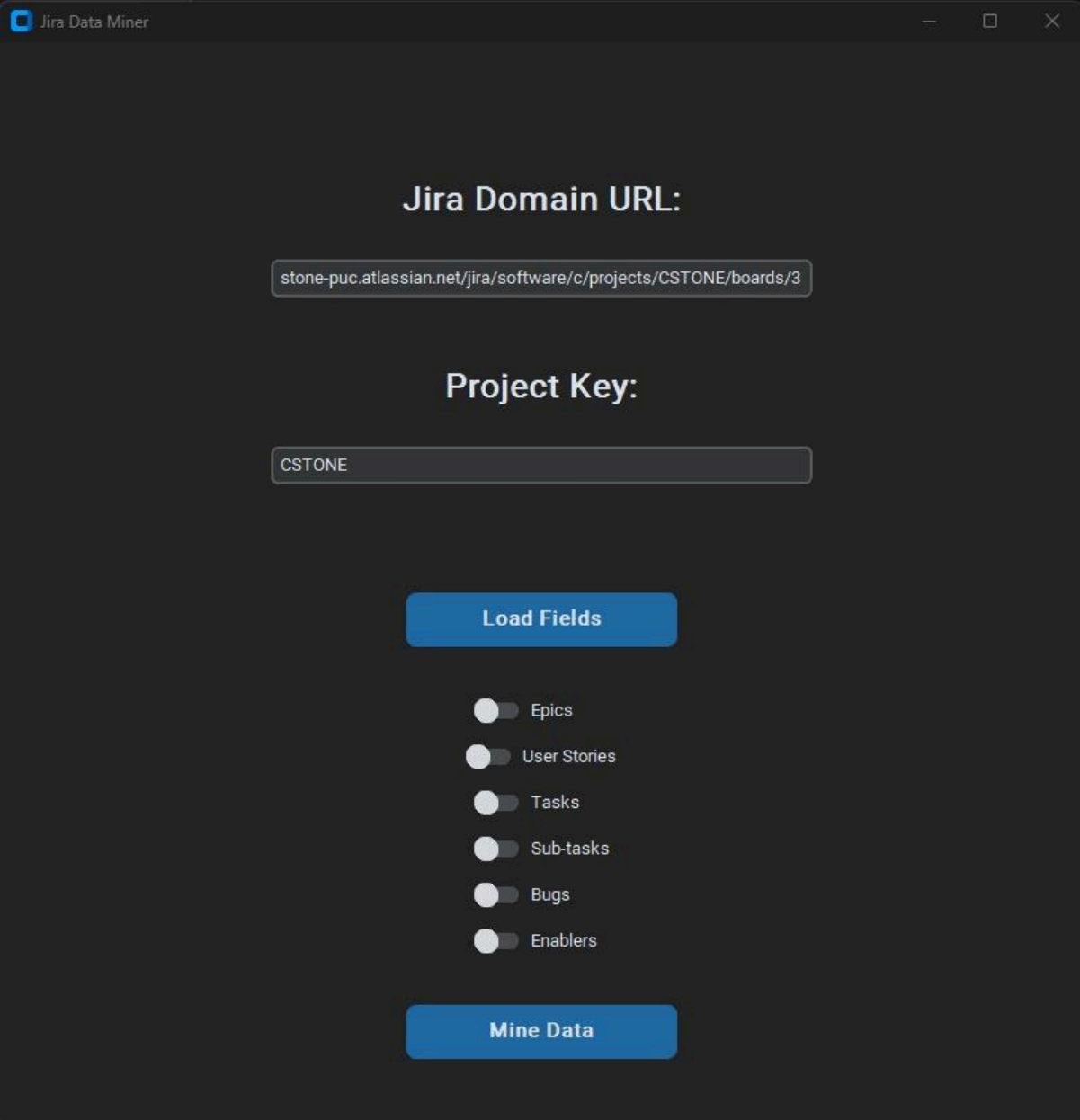
## Tela 2 - Seleção dos campos disponíveis para mineração



The image shows a window titled "Select Fields" with a list of fields for selection. The window has a standard title bar with minimize, maximize, and close buttons. The list of fields is as follows:

- ☐ Categoria do status alterada
- ☐ Pai
- ☐ Objetivos
- ☐ Versões corrigidas
- ☐ Categoria do status
- ☐ Resolução
- ☐ Última visualização
- ☐ Problem description
- ☐ Request participants
- ☐ Prioridade
- ☐ Revisor
- ☐ Espelho Estimativa
- ☐ Sentiment
- ☐ Categorias
- ☐ Estimativa de trabalho restante
- ☐  $\Sigma$  da Estimativa Original
- ☐ Versões afetadas
- ☐ Itens associados
- ☐ Responsável
- ☐ Status
- ☐ Componentes
- ☐ Chave
- ☐ Task mode
- ☐ Program Increment
- ☐ End date
- ☐ Baseline start date

Tela 3 - Seleção dos tipos de itens que serão minerados



The screenshot shows the Jira Data Miner application window. At the top, the title bar reads "Jira Data Miner". The main interface has a dark background. It features two input fields: "Jira Domain URL:" with the value "stone-puc.atlassian.net/jira/software/c/projects/CSTONE/boards/3" and "Project Key:" with the value "CSTONE". Below these fields is a blue button labeled "Load Fields". Underneath this button is a list of six item types, each with a toggle switch: "Epics", "User Stories", "Tasks", "Sub-tasks", "Bugs", and "Enablers". All toggle switches are currently turned off. At the bottom of the interface is another blue button labeled "Mine Data".

Tela 4 - Notificação de sucesso no processo de mineração dos dados



## Tela 5 - Bloco do jupyter notebook contendo um simples dataset com resultado da análise de sentimentos das mensagens

```
[755]: emotion

[755]: [{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 1.0, 'Fear': 0.0},
{'Happy': 0, 'Angry': 0, 'Surprise': 0, 'Sad': 0, 'Fear': 0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 1.0, 'Fear': 0.0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.25, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 0.75},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.29, 'Fear': 0.71},
{'Happy': 0.25, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 0.75},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 1.0},
{'Happy': 0.08, 'Angry': 0.0, 'Surprise': 0.04, 'Sad': 0.24, 'Fear': 0.64},
{'Happy': 0.0, 'Angry': 0.17, 'Surprise': 0.17, 'Sad': 0.33, 'Fear': 0.33},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.33, 'Sad': 0.33, 'Fear': 0.33},
{'Happy': 0.15, 'Angry': 0.0, 'Surprise': 0.11, 'Sad': 0.19, 'Fear': 0.56},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.17, 'Sad': 0.5, 'Fear': 0.33},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.17, 'Fear': 0.83},
{'Happy': 0.0, 'Angry': 0.5, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 0.5},
{'Happy': 0.13, 'Angry': 0.07, 'Surprise': 0.07, 'Sad': 0.07, 'Fear': 0.67},
{'Happy': 0, 'Angry': 0, 'Surprise': 0, 'Sad': 0, 'Fear': 0},
{'Happy': 0.08, 'Angry': 0.08, 'Surprise': 0.0, 'Sad': 0.31, 'Fear': 0.54},
{'Happy': 0.0, 'Angry': 0.33, 'Surprise': 0.0, 'Sad': 0.33, 'Fear': 0.33},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.33, 'Fear': 0.67},
{'Happy': 0, 'Angry': 0, 'Surprise': 0, 'Sad': 0, 'Fear': 0},
{'Happy': 0, 'Angry': 0, 'Surprise': 0, 'Sad': 0, 'Fear': 0},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.57, 'Sad': 0.29, 'Fear': 0.14},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.33, 'Sad': 0.33, 'Fear': 0.33},
{'Happy': 0.2, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 0.8},
{'Happy': 0.0, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 1.0, 'Fear': 0.0},
{'Happy': 0.17, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.0, 'Fear': 0.83},
{'Happy': 0.17, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.33, 'Fear': 0.5},
{'Happy': 0.4, 'Angry': 0.0, 'Surprise': 0.0, 'Sad': 0.6, 'Fear': 0.0},
```