# Architektur und Implementierung von Datenbanksystemen

Task 1

Team 3 - Gründlinger Diana, Huber Marcel, Klotz Thomas, Targa Aaron, Thalmann Matthias
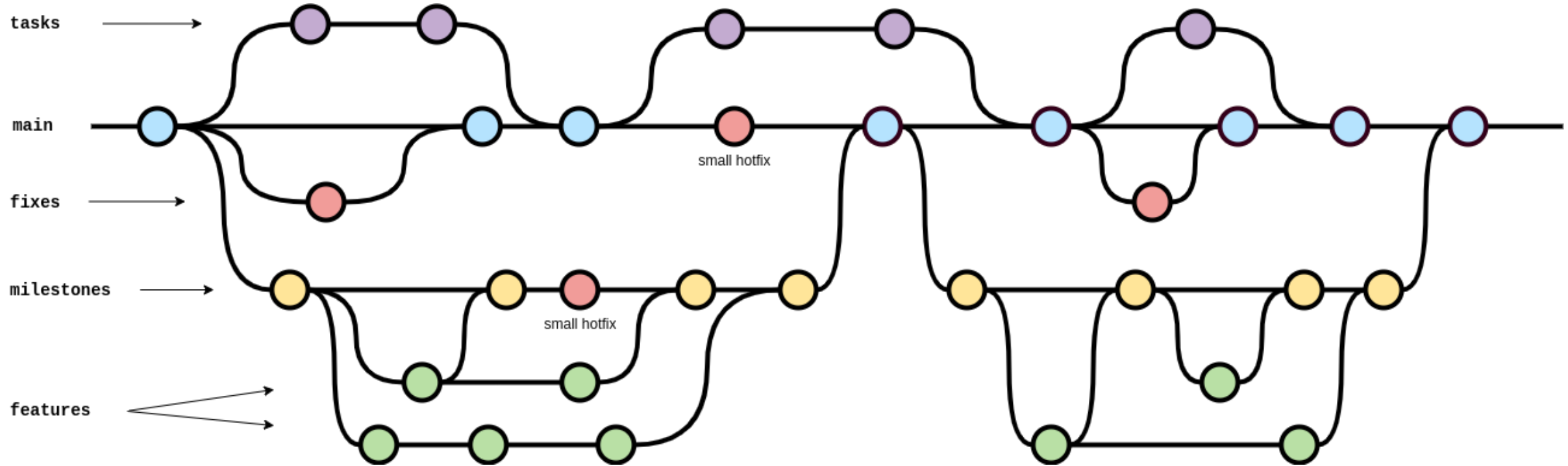
# Task requirements

- ✓ Determine team organization
- ✓ Setup team repository
- ✓ Choose programming language
- ✓ Record decisions in README files

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# Team organization

- Members: **Gründlinger Diana, Huber Marcel, Klotz Thomas, Targa Aaron, Thalmann Matthias**

- Communication: **Discord, Telegram**

- Meetings:
  - One fixed weekly meeting (presence or Discord voicechat)
  - More if needed

- Task distribution and responsibilities:
  - Dynamicly determined at weekly meetings
  - Tracked with GitLab issue tracker

# Workflow

# Conventions:

- Branch naming:
  - Task branches: **task-<number>**
  - Milestone branches: **milestone-<number>**
  - Feature branches: **feature-<name>**
  - Fix branches: **fix-<name>**
- Commit messages:
  - **<type>(<scope>): <short summary>**
  - Types: **feat, fix, refactor, chore, docs, tests, task**
  - Reference related issues

**Team 3**
Gründlinger Diana, Huber Marcel, Klotz Thomas, Targa Aaron, Thalmann Matthias

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# Team repository

- University GitLab (visibility set to internal)
- Licences:
  - Code: **MIT**
  - Tasks: **Creative Commons Attribution 4.0 International**
- Directory structure:
  - Code: **/project**
  - Tasks: **/tasks**
  - Other documents: **/docs**

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# Code

- Language: **Python**

- Dependency management: **pipenv**

- Install working environment: run **pipenv install ; pipenv install --dev**

- Execute: run **pipenv shell** and call **python3 main.py** from the **/project/src/mosaic/** directory

- Test: using **Makefile**, run **make test all**

- Libraries used: see **Pipfile**

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