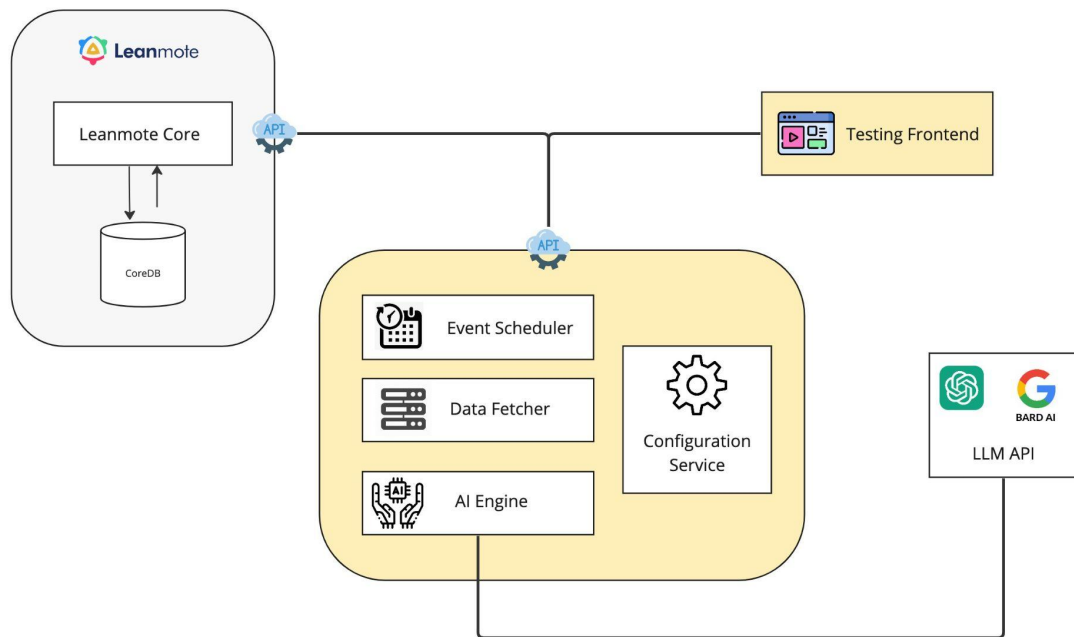# Leanmote AI - v1.0

Architecture

Entity: Jira Ticket

Jira Ticket Structure

Here's a list of common fields that a standard Jira issue might have:

- ID: A unique identifier for the issue.
- Key: A combined identifier which includes the project key and an incremental number (e.g., PROJ-123).
- Summary: A short description or title for the issue.
- Description: A detailed description of the issue.
- Issue Type: The type of issue, e.g., Bug, Story, Epic, Task, etc.
- Status: The current status of the issue, e.g., Open, In Progress, Resolved, Closed.
- Project: The project to which the issue belongs.
- Creator: The user who created the issue.
- Assignee: The user to whom the issue is currently assigned.
- Reporter: The user who reported the issue.

- Priority: The urgency or importance of the issue, e.g., Critical, High, Medium, Low.
- Resolution: How the issue was resolved (if it's closed), e.g., Fixed, Duplicate, Won't Fix.
- Labels: Tags or labels associated with the issue.
- Comments: Any comments or discussions related to the issue.
- Attachments: Files or screenshots attached to the issue.
- Created Date: The date and time the issue was created.
- Updated Date: The last date and time the issue was updated.
- Due Date: The target date for issue completion.
- Versions: Affected and fixed versions of the software related to the issue.
- Components: The components or modules of the project related to the issue.
- Environment: Information about the environment where the bug was found, e.g., Operating System, Browser version.
- Votes: Number of votes the issue has received.
- Watchers: Users who are watching the issue.
- Time Tracking: Information about the estimated time, time spent, and remaining time for the issue.
- Links: Other issues linked to this issue (could be "relates to", "duplicates", "blocks", etc.)
- Epic Link: If the issue type is a Story, it might be linked to an Epic.
- Sprint: If using Jira Software (Agile), the sprint to which the issue belongs.
- Custom Fields: As mentioned earlier, Jira allows the addition of custom fields, which could be anything specific to an organisation's needs.
    - Story points
    - Original estimate
    - Time tracking

API design

GET /health

POST /summary/<entity>
GET /summary/<entity>/<entityID>
PUT /summary/<entity>/<entityID>
DELETE /summary/<entity>/<entityID>

POST /configuration/<entity>
GET /configuration/<entity>/<configId>
PUT /configuration/<entity>/<configId>
DELETE /configuration/<entity>/<configId>
POST /summary/<entity>

POST /summary/jira-ticket

```json
{
  "ID":"<unique_identifier>",
  "Key":"<combined_identifier>",
  "Summary":"<short_description_or_title>",
  "Description":"<detailed_description>",
  "IssueType":"<issue_type>",
  "Status":"<current_status>",
  "Assignee":{
    "UserID":"<assignee_user_id>",
    "Username":"<assignee_username>",
    "DisplayName":"<assignee_display_name>"
  },
  "Reporter":{
    "UserID":"<reporter_user_id>",
    "Username":"<reporter_username>",
    "DisplayName":"<reporter_display_name>"
  },
  "Priority":"<priority>",
  "Resolution":"<resolution>",
  "Labels":[
    "<label1>",
    "<label2>",
    "..."
  ],
  "Comments":[
    {
      "CommentID":"<comment_id>",
      "Text":"<comment_text>",
      "Author":{
        "UserID":"<author_user_id>",
        "Username":"<author_username>",
        "DisplayName":"<author_display_name>"
      },
      "CreatedDate":"<comment_created_date>"
    },
    "...additional_comments"
  ],
  "CreatedDate":"<issue_created_date>",
  "UpdatedDate":"<issue_last_updated_date>",
  "DueDate":"<target_completion_date>",
  "StoryPoints":"<story_points_value>"
}
```