

Note App



User Stories



- As a product owner, I want to store notes and share them with team members, so that any team member can access the note any time in real time.
- As a product owner, I want to have access to data protected, so that only relevant members can access the data (e.g. invite collaborator or password protected).
- As a team member, I want to search the notes with semantic support, so that I can find remarks quickly (e.g. meeting minutes, solutions in history).
- As a standard user, I want to have a note board functionality, so I can organize my notes by project or topic.
- As a standard user, I want to mark a note as done so I can track my progress.

ERD Diagram



User owns NoteBoard (1:M):

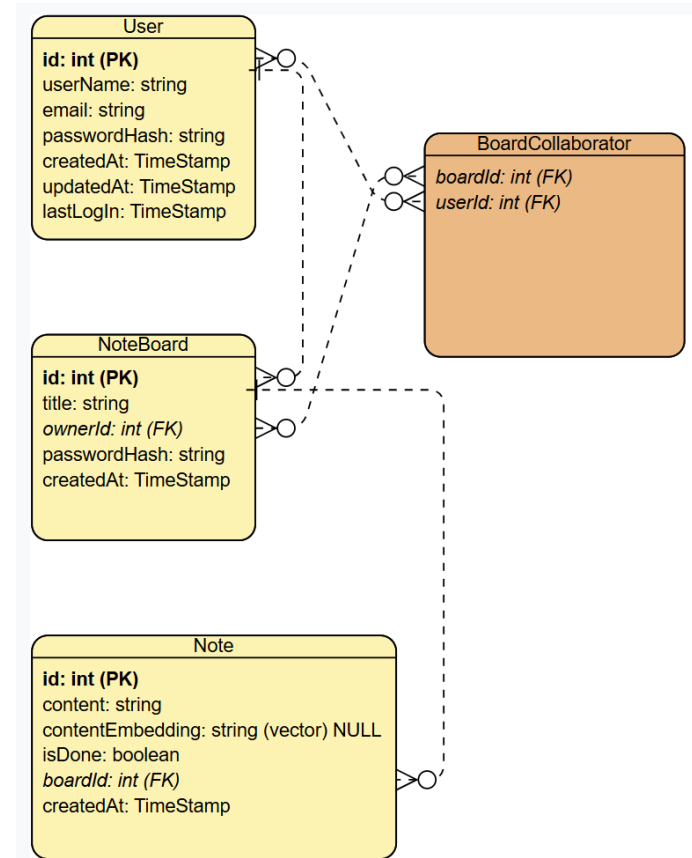
- One User can own many NoteBoards.
- Each NoteBoard is owned by exactly one User (ownerId in NoteBoard is a foreign key referencing User.id).

NoteBoard contains Note (1:M):

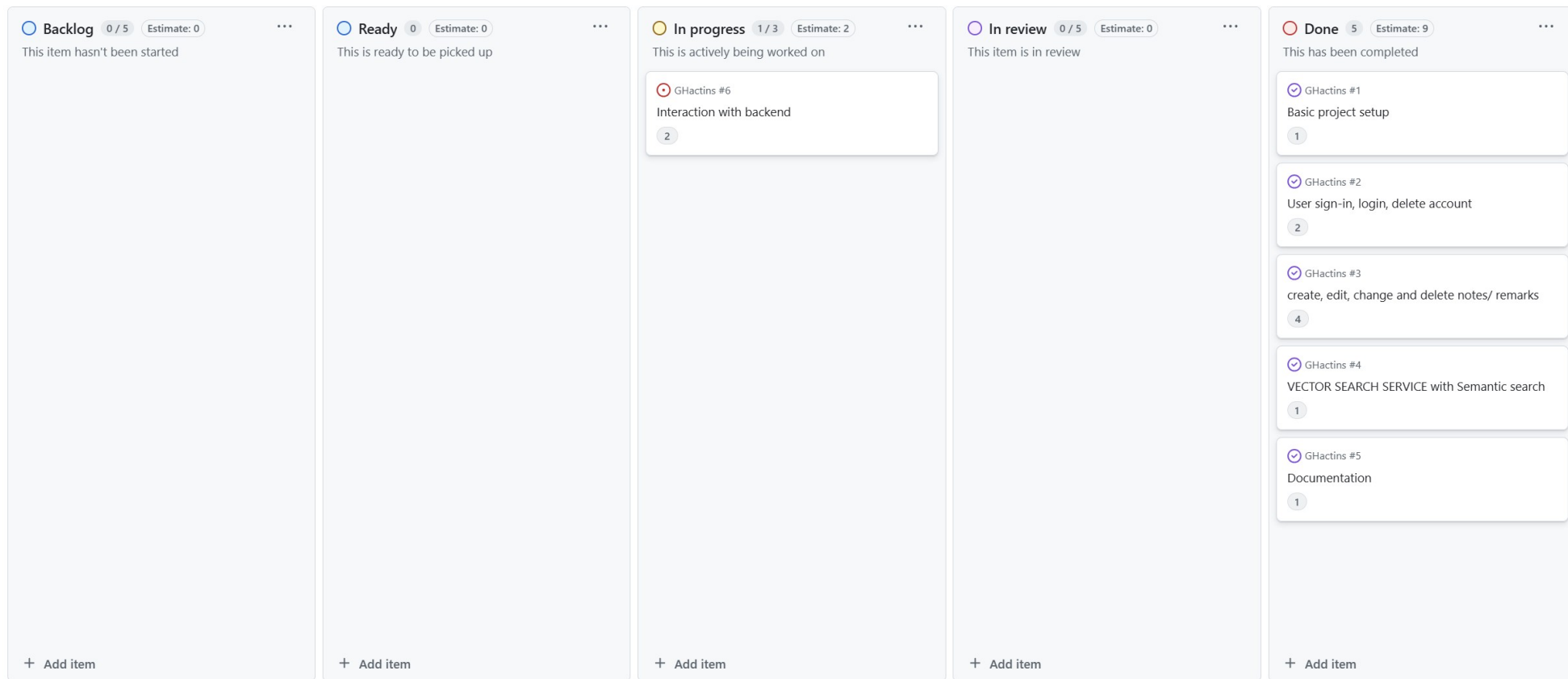
- One NoteBoard can contain many Notes.
- Each Note belongs to exactly one NoteBoard (boardId in Note is a foreign key referencing NoteBoard.id).

User collaborates on NoteBoard (M:M via BoardCollaborator):

- A User can collaborate on many NoteBoards.
- A NoteBoard can have many Users as collaborators.
- The BoardCollaborator table is an associative entity (or junction table) that resolves this Many-to-Many relationship. It has composite primary key (boardId, userId) and both are foreign keys.



Agile - Kanban



Retrospectives



- Include research in the project planning
- Improve time estimation and prepare more detailed schedule of project subparts
- Schedule more time for tests
- Incorporate integration tests
- Improve AGILE implementation, split project in more independent functional parts