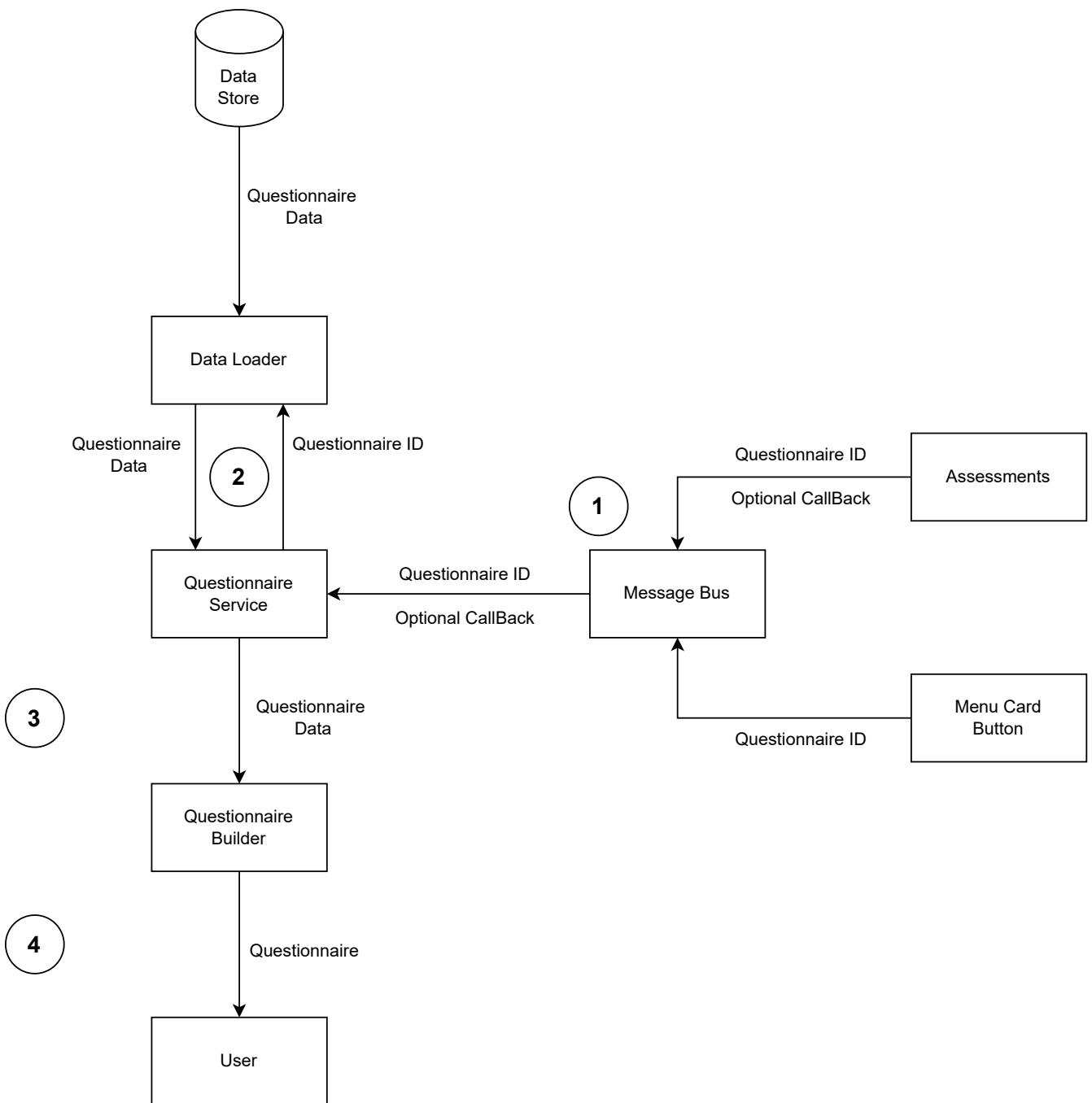


Questionnaire Service Flow diagram



The Questionnaire Service is a bootstrapped service responsible for building and displaying questionnaires. It listens for incoming requests via the Message Bus, loads the correct questionnaire ScriptableObject, and uses its data along with Fluent UI to dynamically construct the questionnaire UI for the user. This system makes adding or updating questionnaires straightforward and keeps the UI fully decoupled from other services.

- 1 A request to build a questionnaire can be triggered either directly by clicking a menu card button or indirectly via an assessment. Requests are sent through the message bus and include a string questionnaire ID and an optional callback.
- 2 The Questionnaire Service listens for incoming build requests. Upon receiving a request, it uses the questionnaire ID to retrieve the corresponding data from the repository. For this project, the data is stored as a ScriptableObject in the Resources folder.
- 3 The questionnaire data is passed to the Questionnaire Builder, which uses it to construct the questionnaire UI.
- 4 The dynamically created questionnaire is then presented to the user.