Pinterest

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Features: A Quick Look

- Users
- User Data Search
- Visual Search
- Following
- Suggestion
- Pins
- Boards
- Sections

Feature List (Users)

- Fetch User Data
- Search User Data
- Create Following
- Fetch Followings
- Remove Following

Fetch User Data

- Basic Data (Name, ID, URL)
- ⚠ Boards
- Suggested Boards
- ⚠ Pins

Search User Data

- Boards (by Name)
- Pins (by Name)

Create Following

- Follow a Board
- Follow a User

Fetch Followings

- Followers
- ⚠ Following Boards
- Following Interests (Topics)
- Following Users

Remove Following

- Boards
- Users

Feature List (Boards)

- Create a Board
- Fetch Board Data
- Edit a Board
- Delete a Board

*Board of mine or another user

Create a Board

- ⚠ Simple! (Name, Description)

Fetch Board Data

- ⚠ All Boards
- ⚠ Specific Board
- ⚠ Pins of a Board

Edit a Board

- Name
- Description

Delete a Board

- Simple Again!

Feature List (Pins)

- Create a Pin
- Fetch Pin Data
- Edit a Pin
- Delete a Pin

Create a Pin

⚠
- Board
- Note
- Link
- Image / Image URL

Fetch Pin Data

- ⚠ Basic Data (ID, Link, URL, Description) of a Pin
- ⚠ (Again!) All Pins of a Board
- My Pins

Edit a Pin

- Board
- Note
- Description

Delete a Pin

- Simple! (By ID)

Feature List (Sections)

- Create a Section
- Fetch Section Data
- Delete Section

Create a Section

- [of a] Board
- Title

Fetch Section Data

- Sections of a Board
- Pins of a Section

Delete a Section

- [of a] Board

Visual Search

- Find Similar Pins by a Given Image

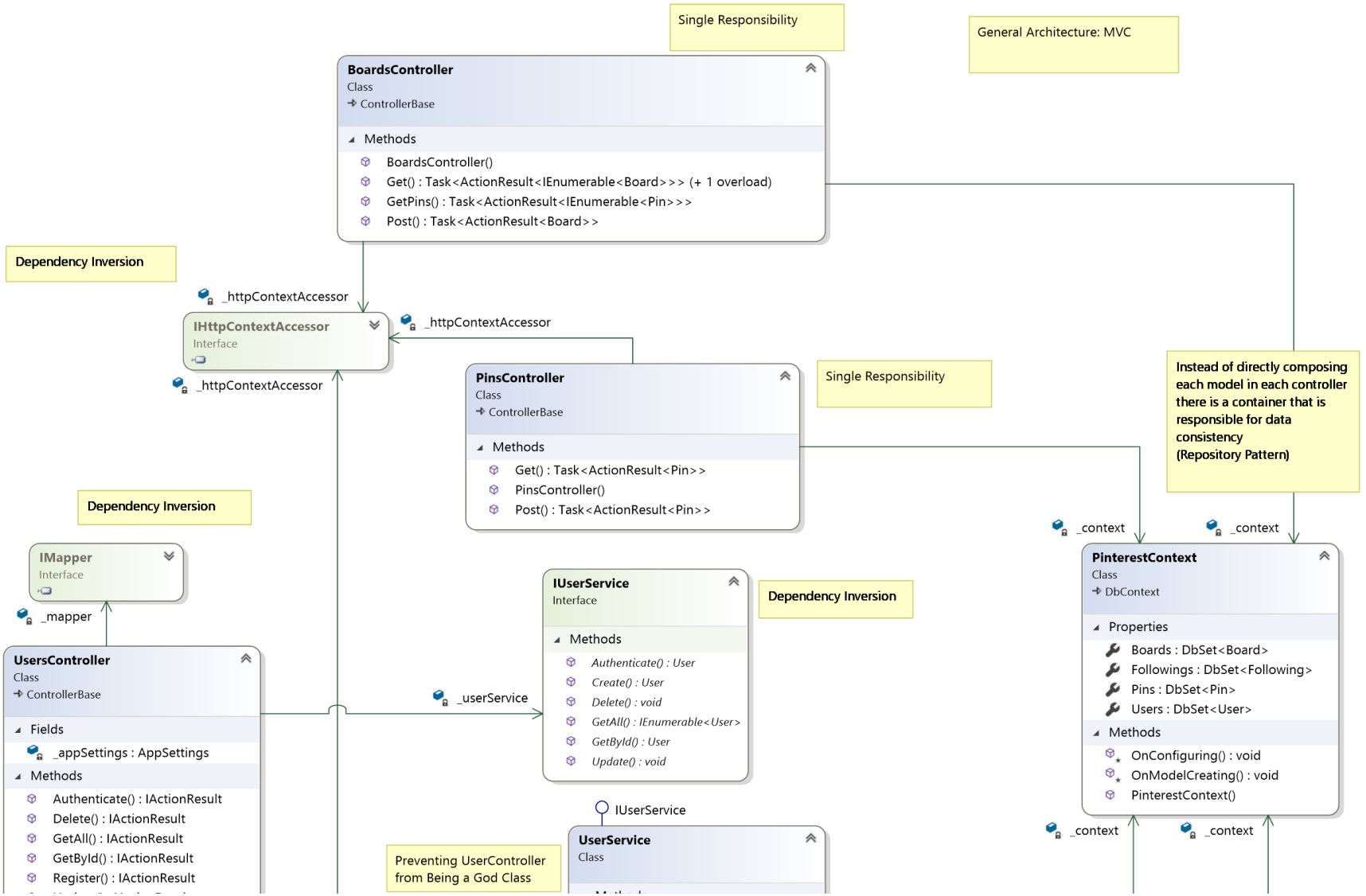
Wrap Up

- Add a Board
- Fetch a Board
- Fetch All Boards
- Add a Pin
- Fetch a Pin
- Fetch All Pins
- Follow a Board
- Fetch Following Boards
- Basic User Management*

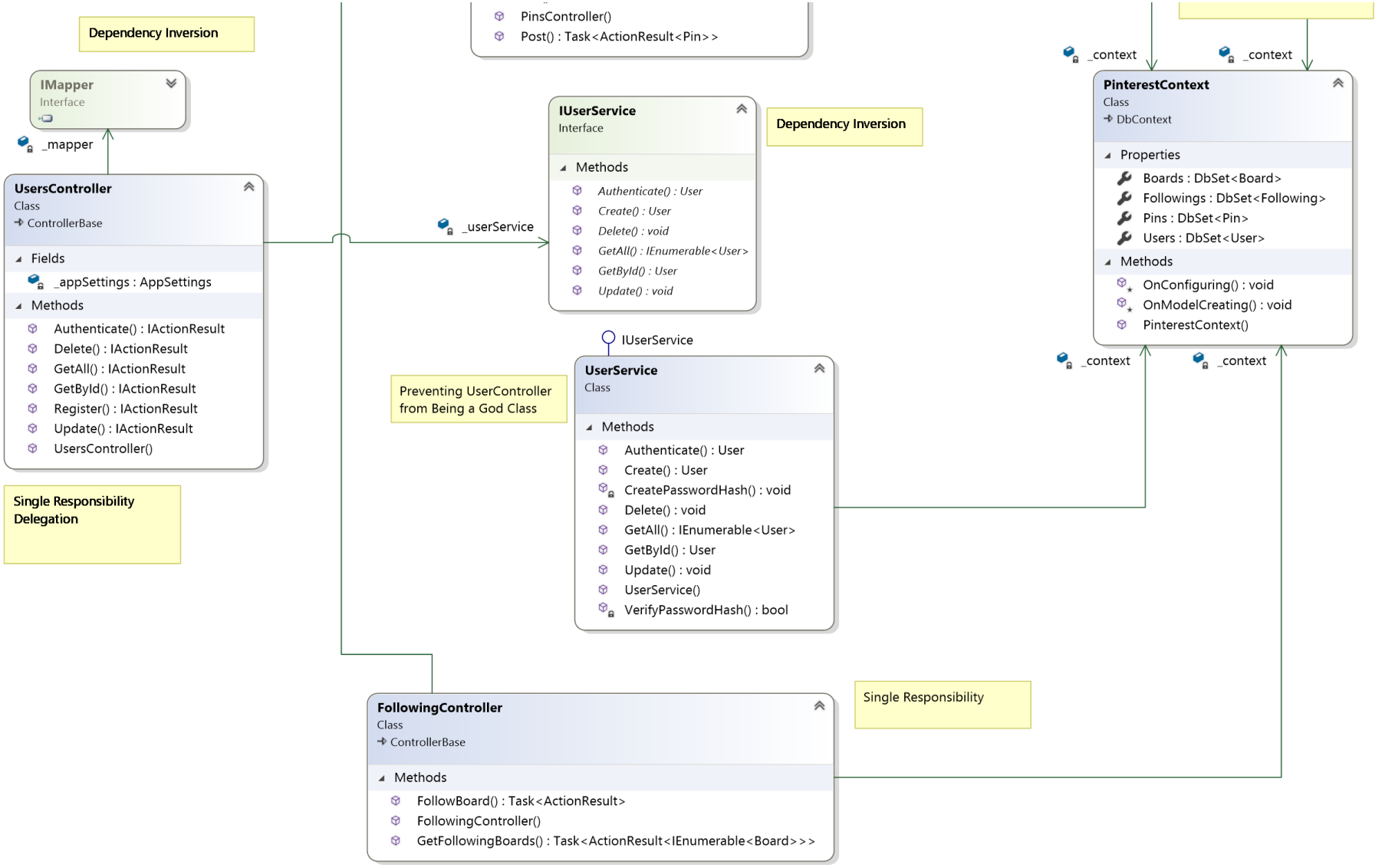
Three Qs

- So far we’ve answered 2 first Qs
  - Is it part of the essence of the system?
  - What does it really mean?
- Let’s answer the last Q
  - How can I implement it?

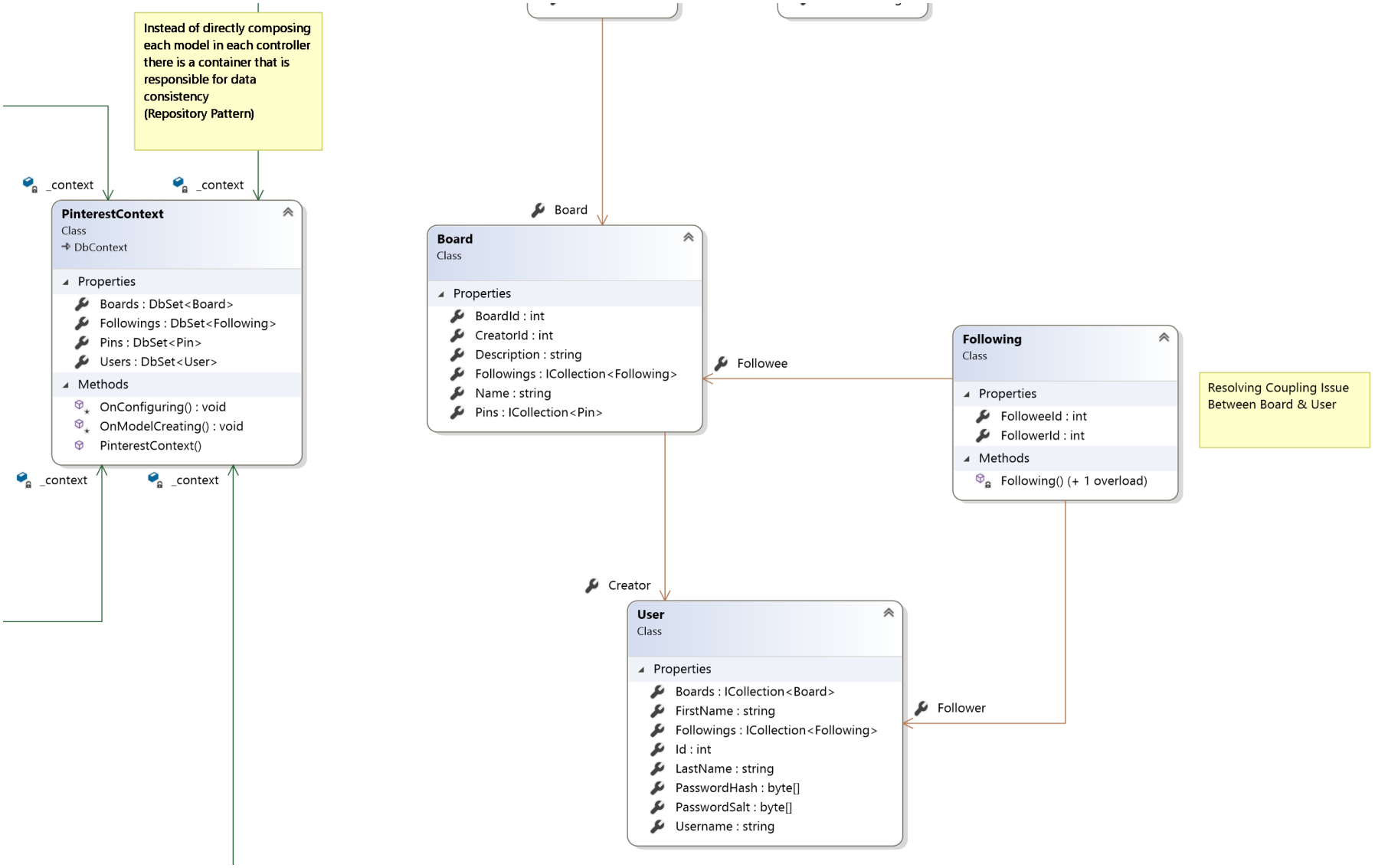
Controllers (Part 1)



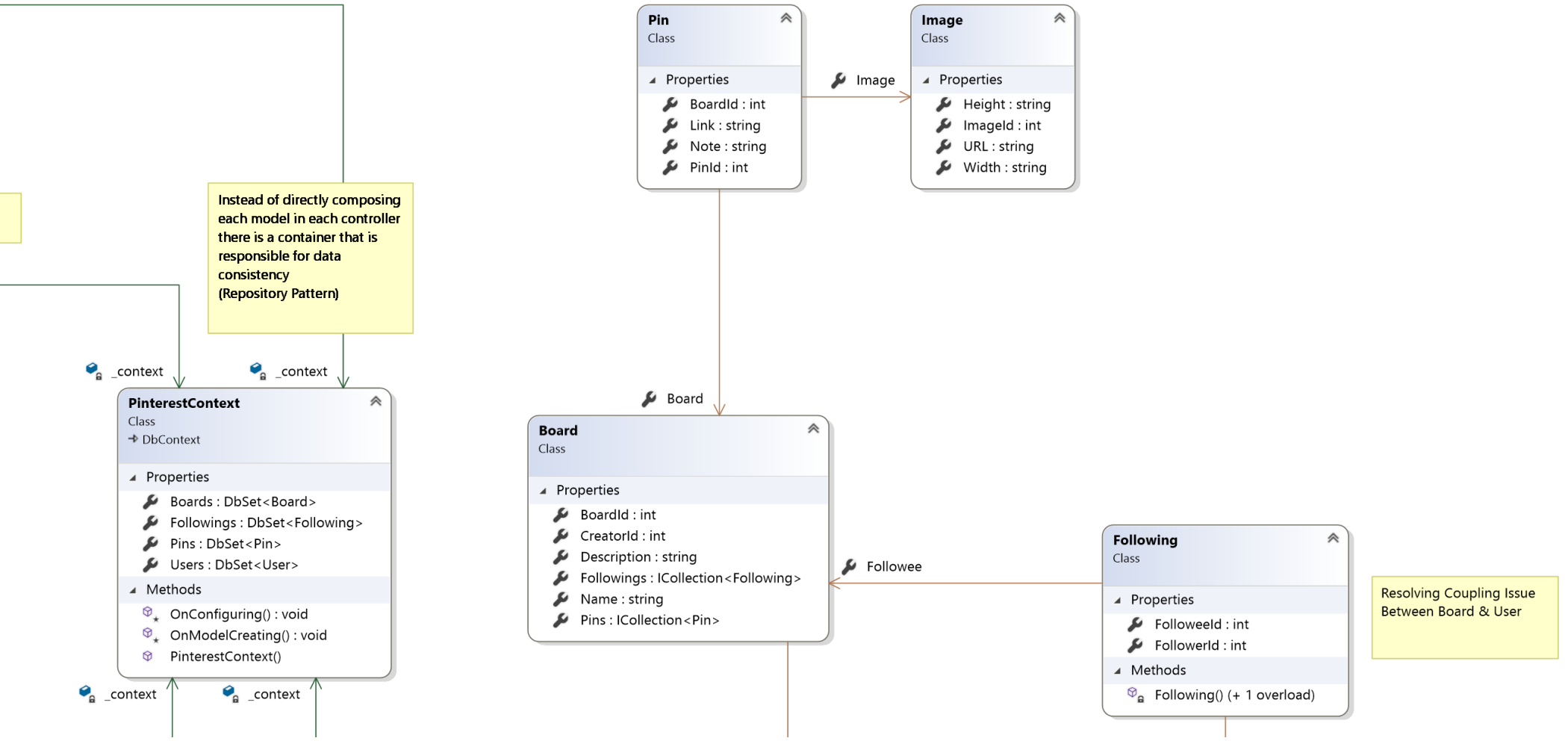
Controllers (Part 2)



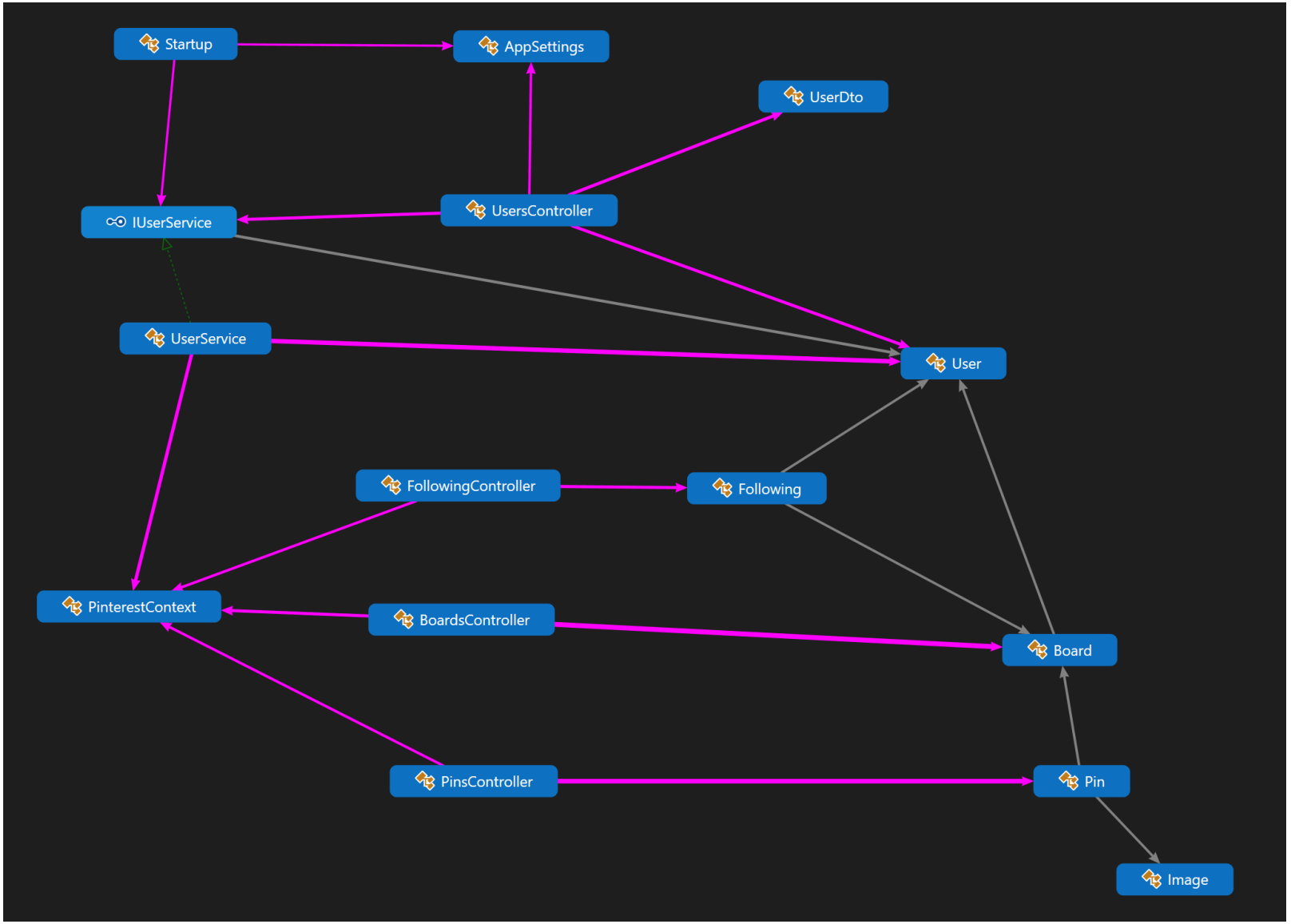
Models (Part 1)



Models (Part 2)



Function Calls



Views

- ActionResult Class
  - Ok()
  - BadRequest()
  - CreatedAt()
  - …
- HTML Response filled with model