

Colleague Profile Platform

*Ayman Chadli, Andrew Roe,
Thomas Wall, Wang Ho Chiu*

OVERVIEW

- Colleagues who are part of a professional services firm need an effective way to store, update, and produce professional profiles for client consideration.
- Our Solution:
 - Create a web-based platform to allow associates to create custom profiles to present to potential clients.
 - Profiles can be printed or saved as a PDF, or simply saved in the system to be recalled later.

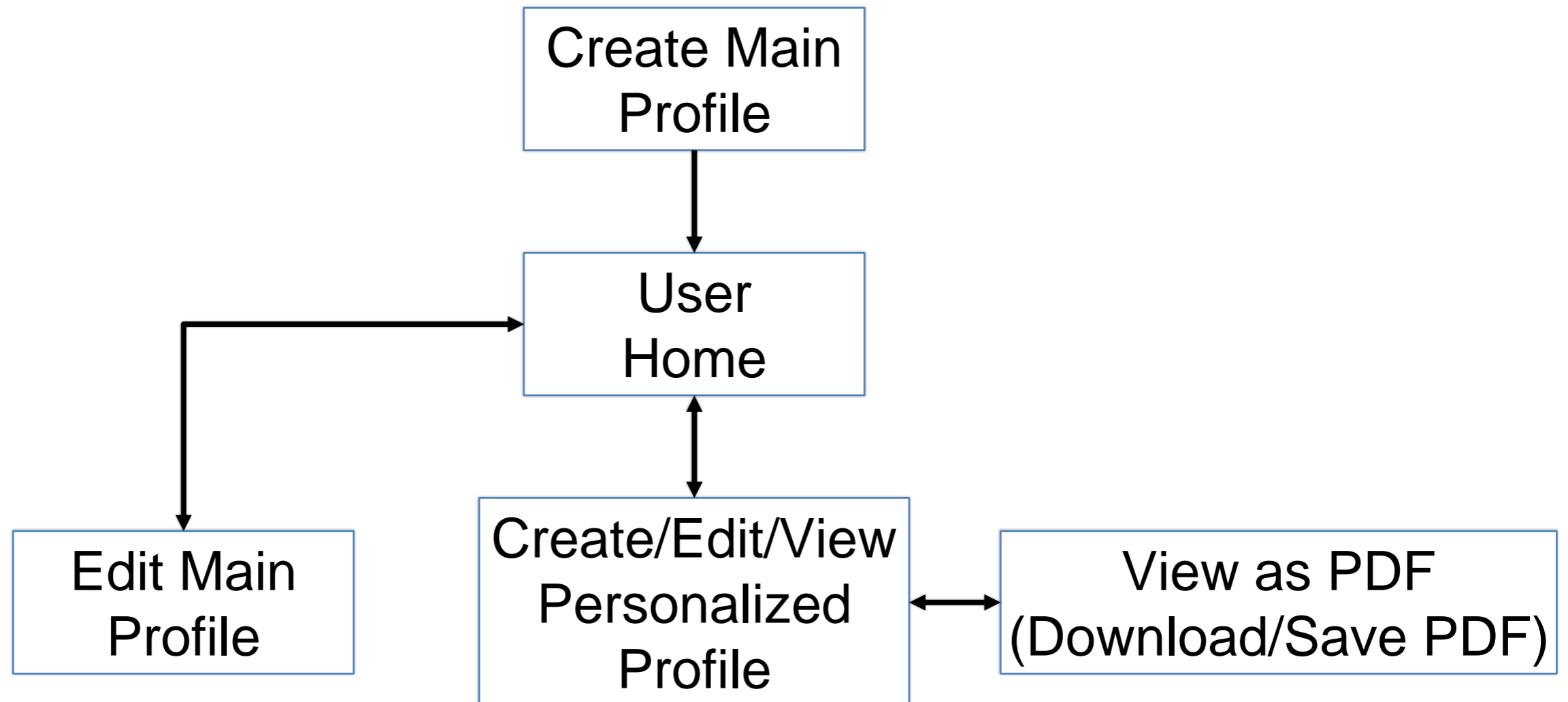
METHODOLOGY

- A third-party authentication solution will authenticate the users, ensuring each user has their own unique profiles.
- Users enter their information via a Create Main Profile form page.
- Users can then create targeted sub profiles by selecting the relevant information, with any changes to the information being local to only that profile.

METHODOLOGY (CONT)

- Once a profile is completed, the user can then generate a PDF with all formatting completed.
- A server will save the data to a database and generate PDFs upon request.
- The user can download and print, but the PDFs are not stored.

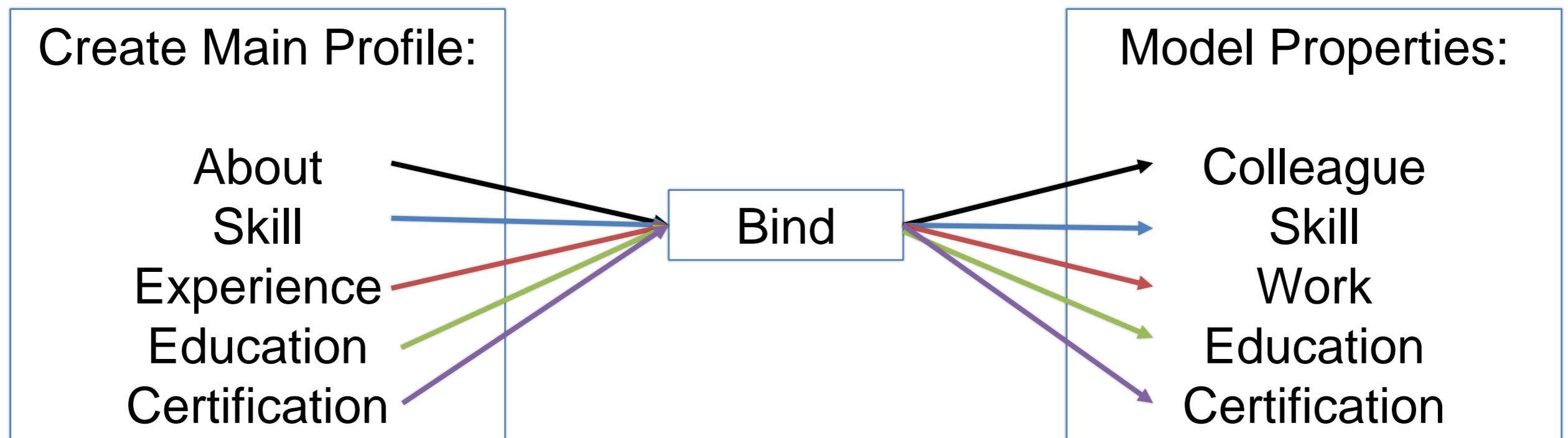
ACTION WORKFLOW



MODEL BINDING

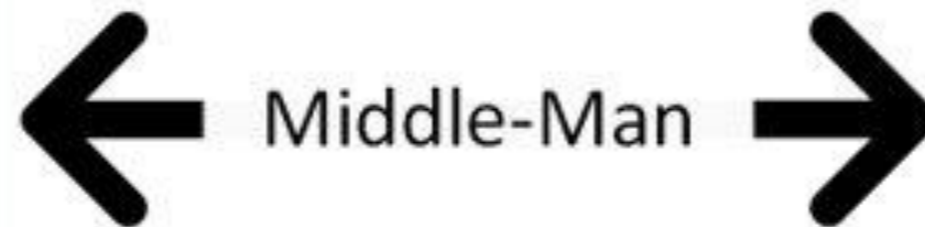
Front End

Back End

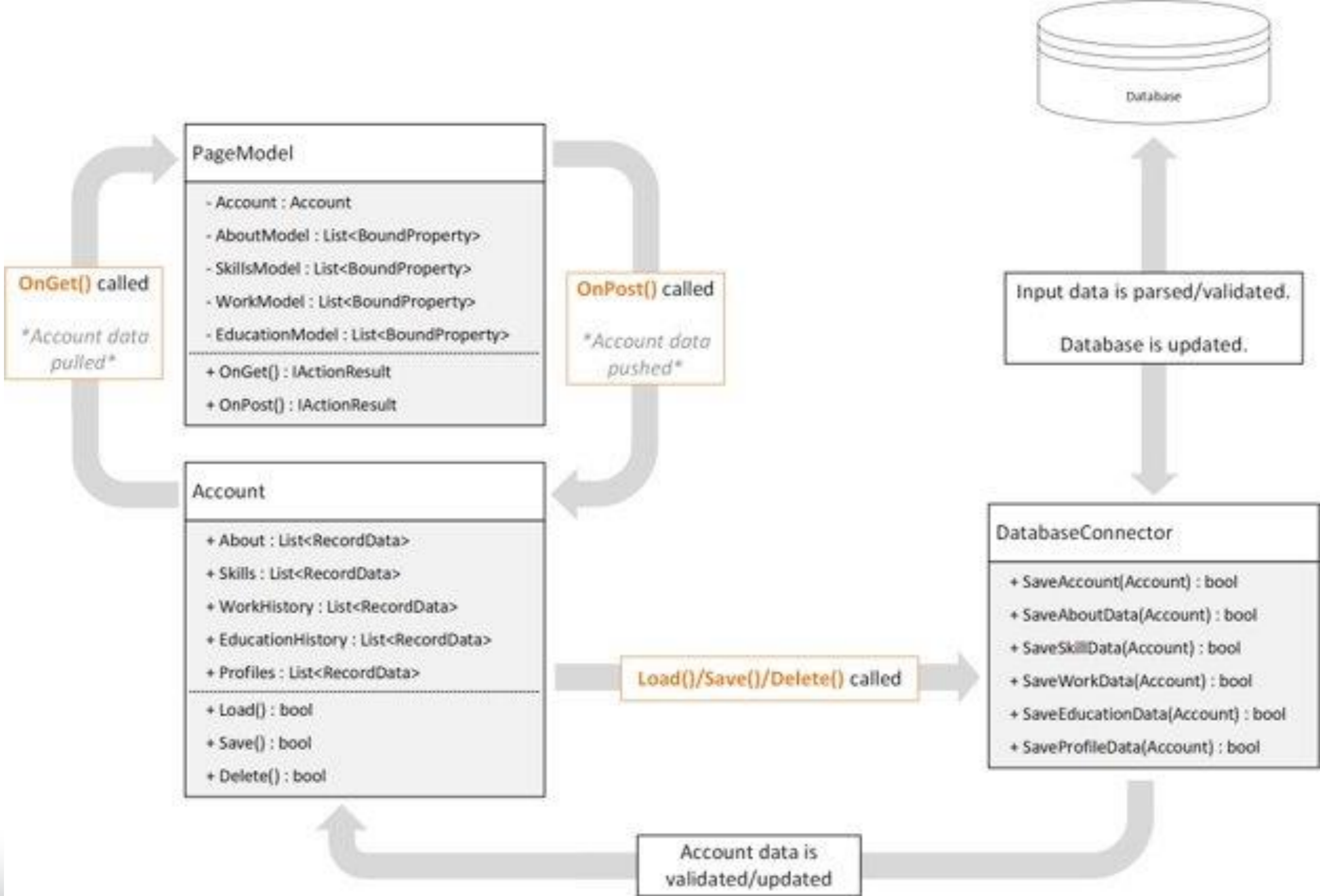




User Input/Output

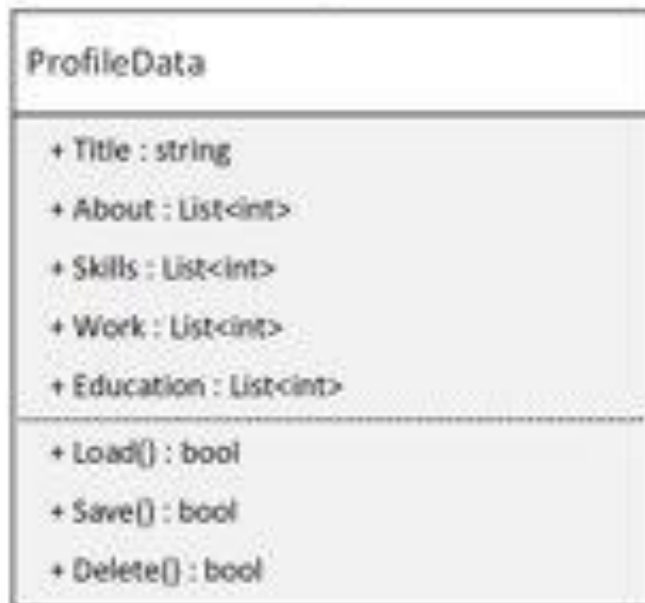


Usable Data





ProfileData only stores associated RecordIDs



Profile is produced with HTML to generate PDF

[Colleague Name]

About

- About RecordData (ID 2)
- About RecordData (ID 5)
- About RecordData (ID 5)

Skills

- Skill RecordData (ID 1)
- Skill RecordData (ID 7)

Work

- Work RecordData (ID 2)
- Work RecordData (ID 1)
- Work RecordData (ID 3)
- Work RecordData (ID 4)
- Work RecordData (ID 9)
- Work RecordData (ID 7)
- Work RecordData (ID 8)

Education/
Certifications

- Education RecordData (ID 1)
- Education RecordData (ID 2)
- Education RecordData (ID 3)

SUMMARY

- Challenges:
 - Did not get to testing simultaneous usage on remote server.
 - Single sign-on (currently available for anyone with a Microsoft account)
- Areas for improvement:
 - Database scalability (currently using SQLite)
 - Admin implementation
 - Code efficiency

LIVE DEMO