**Kelly Strandholm**

* **Database - 4**
  + **+** Foreign keys
  + **+** Good table names (inconsistent pluralization)
  + **+** Good Column names (some names include the table name)
  + **+** Integer primary keys
  + **+** Correct use of nullable/non-nullable and data types
  + **+** Good data layout and relationships
  + **-** varchar columns should be nvarchar
  + **-** Some foreign keys map back to the same table
  + **-** No update or delete constraints
* **Software Architecture - 4**
  + **+** Separate programs for Kiosk and Admin
  + **+** Used third party library to parse csv files
  + **+** Classes in the UI are organized by feature
  + **+** Use of MVVM in UI
  + **+** Good separation of concerns in UI
  + **+** Data model is shared between the projects
  + **-** Repositories are named database operations
  + **-** Repositories are static and not disposed
  + **-** Database operations use Messagebox for errors, tied to the UI
* **Code Quality - 3**
  + **+** Good comments and naming
  + **-** WriteRegistrantToDatabase - List of all registrant is used only for logging
  + **-** Serilog’s ILogger not being disposed
  + **-** Data models that implement GetHashCode should be read-only (should not have public setters on properties)
  + **-** No tests
  + **-** FileParser.ParseFile rethrows exceptions as argument exceptions
  + **-** MatchTalkInterestToTalk query inefficient, should load all talks to memory
  + **-** RegistrationInformation - constructor accesses the database
  + Import file name is hard-coded to “Sample.csv”
* **Development Process - 4**
  + **+** Git flow
  + **+** Good commit messages
  + **+** Good branch names
  + **+** Readme had good information though incomplete
  + **-** Some branches created but had no commits
* **User Interface - 2**
  + **+** Good required data validation
  + **+** Kiosk was full screen
  + **+** Good use of disabling save and next buttons
  + **+** Required fields marked clearly
  + **-** Must know exact name of speaker to enter a talk
  + **-** Forms magically appear in the middle of the window
  + **-** No email or birthdate validation
  + **-** Kiosk was not testable unless the conference is today
  + **-** Schedule is not sortable
* Fitness - 1
  + **+** Separate programs for Kiosk and Admin
  + **+** Simple to use kiosk
  + **+** Scheduling algorithm works except for multiple talks for same speaker
  + **+** Admin UI allowed user to enter some conference data
  + **+** Good use of sftp for prereg data
  + **-** Kiosk crashes if you attempt to register
  + **-** Unable to delete items from the admin UI (sometimes crashes)
  + **-** Can add talks but not additional speakers
  + **-** No spec provided for upload file

**Total : 18 pts**