**Azure Classes and Controllers:**

* Startup
  + Sets up routing configuration for all controllers
  + Initializes database context using Entity Framework Code First
  + Adds several test users, households, and household members to the context
* Friend Controller
  + Primary role is to retrieve the households of Facebook friends of the current user who also use the app, but the user is not yet a member of. This is accomplished via an authenticated GET request.
  + The friend controller is called on the app’s main/welcome screen after the user logs in to allow the user to see the households of his or her friends that also use the app. The user needs to view these households in order to request to join them.
  + If the user is already a part of a friend’s household, this household will not appear in this request’s results.
* User Controller
  + Get list of all current users (for dev/testing only) via get request
  + Get any user by user id via get request
  + Return the current user
  + Return a list of households of the user’s Facebook Friends who are also using the app via a Get request, but that the user is not a part of
* Registration Controller
  + Allow registration of new user with the following properties via a post request and return the user’s id
* Household Controller
  + Return a list of households the user belongs to via a get request
  + Return a single household by ID via a get request with the following info:
    - Household name
    - Household description
    - Name of currency
    - Name of the Landlord
    - Background picture?
    - Member with the highest and lowest karma balance, along with their respective balances
    - List of household members with the following information:
      * [fill in here]
  + Allow user to create new Home via a post request. The user that created the household will automatically become the landlord. The same info as the get request will be returned.
  + Allow the Landlord to edit the following info via a post request (must be verified as Landlord):
    - Household name
    - Household description
    - Name of currency
    - Background picture?
  + Return a list of households the user’s Facebook friends belong to, but the user does not belong to
  + Get list of member for a household ID via a get request with following info:
    - Name of the member (from Facebook)
    - Member status (approved, pending, declined)
    - Current karma balance
    - Whether member is current Landlord
    - Whether member is currently under vote to be Landlord
    - Whether member is currently under vote to be approved
    - Whether member is currently under vote to be evicted
* Notification controller:
  + Return notification preferences for the user for a given household via a get request, and allow a user to update these preferences via a post request:
    - Receiving push notifications for updates on requests/votes (vote increase, request approved, request failed, etc).
    - Checkbox for receiving push notifications for new messages posted by members to the message board.
    - Checkbox for receiving push notifications for changes to the household info (name or description change, members joining or leaving).
* Voting controller
  + Return list of all votes for a given household via a get request:
    - Type of proposal (i.e. “Karma”, “New Landlord”, “New Member Approval”, “Evict Member”)
    - Status of the vote (ex. “2 members for, 1 against, 3 needed for majority” – 3 needed for a household of 5 for example for a karma vote)
    - Member the vote applies to (member if karma vote or landlord vote, user if a new member vote)
    - Member who proposed the vote (or anonymous)
    - Brief one-line message/description
    - List of member ids that voted for/against the vote
  + Allow user to propose a vote for the household via a post request. If the user is not a member of the household, return a bad request:
    - Household ID
    - Type of proposal (i.e. “Karma”, “New Landlord”, or “Evict Member”)
    - Member to which it applies
    - If karma proposal, amount of karma to be added/deducted
    - Whether proposal should be made anonymously
    - Brief one-line message/description
  + Allow users of a particular household to cast a vote for an existing vote. Each member is only given one vote and may not take back their vote. The controller will accept a vote containing:
    - The id of the vote
    - The vote, “For” or “Against”