Major problems while writing code.

1. No clue regarding architecture, hence lack of clarity,  
   add to the misery, by having lack of details
2. Writing poem and not taking care of failure conditions during   
   function writing.
3. Afraid of models and when in doubt, afraid of writing small program that   
   clarifies the doubt.

How to avoid this.

1. a01ser\_db.py
   1. Focus on models.
   2. Think of each service function
      1. What will be the input?
      2. What will be the output?
      3. How will be tell failure or success?
2. a02ser\_db.py
   1. save as a01ser\_db.py.
   2. focus only on the db part.
   3. don’t touch input argument and return type.
3. Because of 1 and 2 we are 100% clear about input and output of our service functions take and return.
4. a03web\_01.py
   1. Set up uri.
   2. No parameters, some funny return. return some dictionary.
   3. Mode of request, get, post.
   4. Check whether these functions get called when event happens.
5. a04web\_02.py
   1. Focus on two things.
      1. Are you able to get the input from the http request.
         1. Params
         2. Path variable
         3. Body as a json string.
      2. Are you returning the output?
         1. Data part
         2. http status code
         3. sometimes header part.
      3. Validation, json things, security if any. all fix it here itself.
6. Closing ceremony easiest
   1. a04web\_02.py and save a04web\_03.py.
   2. In a04web\_03.py linked with functions of a02\_serdb.py (point 2)
7. If you are doing 1,2,3.
   1. Don’t touch postman, simply call the function whether it works.
8. If you are doing 4,5,6
   1. 100% you need postman and check the output.