[M0]
MyIPFW Advisor (v3)

[M1]
Interface Layer

[M1.1]
Shall provide a secure web-based interface

[M1.1.1]
Shall automatically highlight unfulfilled requirements

[M1.1.2]
Shall automatically identify courses that fulfill each specific requirements

[M1.1.3]
Shall facilitate building and maintaining bingo sheets

[M1.1.4]
Shall provide on-demand bingo sheet printing

[M1.1.5]
Shall facilitate advisor course information queries

[M2]
Business Layer

[M2.1]
Shall implement code-level security measures

[M2.2]
Shall implement total encapsulation (POJO/Java Beans)

[M2.3]
Shall generate course schedule profiles

[M2.3.1]

Shall automatically generate schedules based on the scheduling profile

[M2.3.2] Shall automatically advise courses based on the scheduling profile

[M3]
Infrastructure Layer

[M3.1] Shall store student schedule preferences for later work

[M3.2] Shall store administratively defined bingo sheets for use in scheduling

[M3.3] Shall be able to

connect to
IPFW's
LDAP/Database
structure

[M3.4]
May
communicate
with users and
administrators
via e-mail.

[M3.5]
Shall log all
events