## [M0] MyIPFW Advisor (v3) [M1] **Presentation 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] Layer

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

[M2.2] Shall generate course schedule profiles

[M2.2.1]
Shall
automatically
generate
schedules
based on the
scheduling
profile

[M2.2.2]

Shall automatically advise courses based on the scheduling profile

[M3]

Data 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] Mav communicate
with users and
administrators
via e-mail.

[M3.5]
Shall log all
events