

[M0]
MyIPFW Advisor (v3)

[M1]
Interface Layer

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

[M1.2]
Shall
automatically
highlight
unfulfilled
requirements

[M1.3]
Shall
automatically
identify courses
that fulfill each
specific
requirements

[M1.4]
Shall facilitate
building and
maintaining
bingo sheets

[M1.5]
Shall provide
on-demand
bingo sheet
printing

[M1.6]
Shall facilitate
advisor course
information
queries

[M2]
Business Layer

[M2.1]
Shall facilitate student course
advising and scheduling

[M2.1.1]
Shall generate course
schedule profiles

[M2.1.1.1]
Shall
automatically
generate
schedules
based on the
scheduling
profile

[M2.1.1.2]
Shall

automatically
advise courses
based on the
scheduling
profile

[M2.2]
Shall access
student
database and
keep track of
student
information for
processing

[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

The diagram consists of a large light green rectangle. Inside it, on the left side, is a smaller, darker green rectangle. This inner rectangle is further divided by a vertical line into two sections: a narrow left section and a wider right section. The text 'connect to IPFW's LDAP/Database structure' is located in the narrow left section of the inner rectangle.