**AI Assistant for Time scheduling**

This software can be a virtual employee that schedules the meetings and activities for its owner. The system can be designed as follows:

**Storage of events and time:**

The events and time can be first stored in the program. We can give it access to emails so that it can automatically import the events and their respective times.

**The Problem and its environment:**

The software environment is the events and times. The problem is to manage events and time so that there would be no problem of time management, forgetting the schedule.

**Knowledge:**

The software can be provided with knowledge like

* The location of meetings( So that you have to travel less while attending more meetings)
* The working time (10:00 am – 4:00 pm).
* The meetings, events and their time

The knowledge can be gathered by manually entering the data. And also, via one’s email.

**Production Rules**

* Two meetings or the activities should not be collapsed.
* Meetings with higher priority should be held first.
* The meeting schedule should not cross working time.

**Application of Search**

Here, search can be used to search the meetings in a particular day. Similarly, optimal solution can be found through searching the feasible schedules.