# Web2py Mini Projects (SCE Monsoon 2015)

1.       **Mini courses' portal** (e.g. Coursera)

A minified version of Moodle. Registered faculties can create profiles, upload marks, share contents, send/receive email; registered students can create profiles, browse through & download/view contents, send feedback/email, etc.

2.       **Library management portal**

The library maintains info about its books and digital content. Registered users can browse through the available category of books/digital content, access the resource online/request for an issue, get notification/email of due date, etc.

3.       **IIIT health center** (Aarogya) / **Hospital management**

A web app to manage IIIT's health center. It takes care of new patient registrations/appointments, maintains patient records, staff profiles, medical equipments, etc.

4.       **Online shopping** (e.g. Flipkart, amazon)

An online shopping system that allows users to register/signup, search for items, see product details, place orders, etc.

5.  **Cab sharing app:** This is similar to the one in IIIT where people have a portal to post and share the cab. But with extra additional features such as fare will not be split into half instead it depends on pickup, dropping point as well as luggage.

6.       **Question answering system** (e.g. stackoverflow.com)

7.       **IIIT Hostel management**

A web-based system to manage hostel-related issues such as room allocation, complaint management, etc. Registered students can create profiles, register complaints, etc. Registered hostel admins can access student info, respond to complaints, etc.

8.       **Online newspaper** (e.g. thehindu)

Brings text/video news at your fingertips. Desirable features include searching, archival, printing , RSS feed, etc.

9.       **Movie  portal** (e.g. IMDB)

A repository of movies of various genres. Registered users can get info on a movie of their choice, watch the trailer, rate a movie, recommend to a friend, etc

**10.     Mini social networking site** (profile, share music/video …)

An app that allows registered users to create profiles, send/receive friendship requests to/from other users, share content, etc.

**11**.     **IIIT Bidding/Auction portal**

An     app to buy/sell/rent stuff within campus. A registered student posts     an item (book, gadget...) for auction. Other students can browse    through the list of categorized items and bid for one if interested.

**12.     Book my cab/flight/train** (e.g. Yatra, Makemytrip)

An app to search for a cab/flight/train and mimic booking. Registered users can avail of the service.

**13.     Project/Task management** (e.g. trello.com)

Group of people collaborating on a project can keep track of the progress from start to the end. Allows file sharing, updating proj info, time/deadline management, etc.

**14.     Matrimonial app (iConnect)**

A central place where ready-to-mingle users can register, create profiles, search for potential mates, view their profiles, initiate communication, etc.

**15.     iLife/iZindagi  app**

An     app to journal one's personal life. Features include     creating/updating/searching/deleting daily entries, journaling photos, videos, event alerts, sharing (if need be), printing, etc.

**16.     Placement portal**

A central information center for students sitting for placement, the hiring companies and the placement office. Each stakeholder can register, create profiles, view profiles, etc.

**17.     Agro-advisory system** (e.g. esagu)

A platform for registered farmers to come together and get an online advice from registered agro-experts regarding crop-related issues (e.g. crop diseases). The farmers post queries (text/image) and the experts help with their expertise.

**18.     Restaurant app** (e.g. Foodpanda)

An app to hunt for cuisines and restaurants in a given location and place orders.

**19.     Course registration system**

A web-based system to simulate the course registration process at the academic office.

**20.     IIIT Courier portal**

A portal to ease up the courier processing done at Nilgiri help desk. Includes entry, search, email notification, etc.

**21.**     "I/we want to work on **my/our own novel idea** instead." This is especially for PGSSP students who would like to work on something related to their jobs or more relevant to their companies. It is subject to approval/rejection.

**22. Online Code juge:** mini version of spoj/hackerrank/codeforces

**23. Inventory management app:** Given a shop, create a system to manage the inventory of the shop. The user should be able to add/remove/edit items in the inventory. Also the user should be able to view the current inventory and listed items. If possible, the system should be able to generate periodic purchase and sale reports. Current sales/purchase report can be shown as well. Period of report can be daily, weekly or monthly.