A list of detailed tasks required to do for the project with priority order in red for each task:

Admin ---

* setup dates for available experiments in current semester. different experiments may have different calendars (different days). In current system, all experiments use the same calendar (1st)

Suggestions: view -- list of experiments and a calendar. Select experiments and days to set up calendar for specific experiments.

* Fix the bug in adding new student (1st)
* Fix the bug in import student list (1st)
* Admin is able to make/delete any bookings at any time and send emails to affected students for notification of the changes. The same booking rules (see students section below) apply. The emails sent out will have a backup in the system and be viewed as required. It displays what experiments have been booked and done so far for each student. (2nd)
* Bookings Summary also provides information about total free sessions, total required sessions, and total booked sessions. (3rd)
* Fix the bug in downloading student’s report (3rd)
* In Experiments, venue should be included in the table and displayed in the relevant pages, such as booking summary of student’s login. (4th)

Tutors ----

* Fix the bug in Download student’s report (same as for admin) (3rd)
* view bookings summary as admin does. (4th)

Students ---

* make online bookings for the experiments, based on their required CPs. Student booking should be made evenly across the semester. Each student can only do single experiment session at a time (in booking calendar for each experiment, the days should be white, which are already booked by others for the same experiment and which are already booked by this student for other experiments). Students are not allowed to over-book sessions (eg. With 4cps, students cannot book over 10 sessions). There should be a confirmation window to make sure they want to book on these days before further action. Students should be allowed to cancel the booking they made, but only eg. more than X (2/3/4?) days before the booked dates. Admin is able to define parameters X. or not allowed to cancel the booking (cancellation must be done via admin). There is a bug in make\_booking of current system. (1st)
* In ‘Bookings Summary’, display course requirements for the student: CPs, total number of experiments required, number of sessions already booked, and number of sessions to be booked. (4th)
* In ‘My Marks’, display paperwork to be examined (number of logbooks, report, poster, talk and assignment) (4th)