List of Features - IUSE Website (Draft):

1. User Management & Access Privilege Controls:

(1). Webmaster: maintain the website including adding users, changing access privileges, uploading files, granting accessing, etc.

(2). Team Members (All PIs & Student Members): upload files, access to all resources, grant accessing to resources like the reference course, the sample project (i.e., xfig), all projects, etc.

(3). Authorized Users (i.e., Instructors): access to resources granted by (1) or (2).

(4). Guests: visit the uncontrolled resources such as project introduction, contact info, etc.

1. GitHub Integration: authorized users could access the GitHub project repositories from our website directly. All GitHub repositories links are listed. Only can be accessed though our website privilege control, which means it is invisible from the GitHub website.
2. Reference Course & Sample Project: Guests need to fill a registration form and get approval to access the reference course and sample project (i.e., xfig). The reference course will include the syllabus, all lectures, videos, tutorials, labs, assignments, sample deliverables (e.g., feature change requests, requirements, design documents, test cases, source codes, etc). All resource downloading will be recorded. Uploading a zip file which will be displayed by this website properly. Allow feedback to all teaching materials, or mark comments/notes directly.
3. Projects: the list of projects, their status (finished, under evaluation, under development, not start, …), review (including filter), rating (e.g., like Amazon Product Rating), all their deliverables. Visible, copiable but cannot support bulk downloaded.
4. NSF Project Information: Abstract, Team Members, Contact Information, Advisory Board, Pilot Courses, Announcements, etc. (e.g., Homepage)
5. Email Group: guests and authorized users could join the email group to discuss issues and ask questions.
6. Evaluation: evaluators can create evaluations online, send email notification, and gather data from this website directly. (Optional)