# Logos/cis-logo-exports-final-8-2015-3/Web/2_Department_Lockups/InformationScience/cis-infosci-2-color.pngMaster of Professional Studies in Information Science

# Sponsored Project Proposal Form – Spring 2018

Please complete the following project proposal form to sponsor an MPS Project. This form will be used to determine if your project is appropriate for MPS students and whether it is of sufficient scope for a semester long project (~400-500 person-hours). We will assign teams with complementary skills based on the skills and experience you list in this form. We will also share most of this form with the students to help them make their top project choices before we assign the projects.

Please direct any questions to the MPS Project Coordinator: [is-mps-projects@cornell.edu](mailto:is-mps-projects@cornell.edu)

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| Sponsor Name | | Workday, Inc. | | | | | | Date | 11/14/2017 |
| Contact Name(s) | | Robyn Nason | | | Email(s) | Robyn.nason@workday.com | | Phone | 516-445-4235 |
| Description of the Sponsor | | | | | | | | | |
| Workday is an on-demand financial management and human capital management software vendor. One product is Student Services, offering higher education solutions to everything related to the student experience – Recruiting, Admissions, Curriculum, Advising, Records, Financial Aid, and Financials. | | | | | | | | | |
| Please indicate which academic year and semester you would like to propose your project. | | | | | | | | | |
| Year | 2018 | | Semester | Fall | | Spring |  | | |
| Project Title | | | | | | | | | |
| Dynamic Academic Planner | | | | | | | | | |
| Project Goal or Description | | | | | | | | | |
| You will work with Workday’s engineers and product managers to design and develop an academic planner app. This app should allow students to manage their academic plan through graduation. You will design a clear and concise interface for students to interact with. The app should display the student’s academic requirements for their major/minor and allow the student to design their semester-by-semester course load to satisfy these requirements on time. It should allow then to manipulate their plan and see how it affects their schedule.  An example scenario: if I am a student and I want to see what happens if I wait to take a required course (that may only be offered in Spring semesters), I should be able to see how that affects my future course loads to graduate on time. Should I then take another class earlier to not overload myself later? Is there another course I could take instead to satisfy that requirement? If I wait for this course, will it be offered again in time for my intended graduation? Will I be able to take the courses that this is a pre-requisite for in time for my intended graduation? | | | | | | | | | |
| What activities are necessary to achieve the project goal? | | | | | | | | | |
| * Gather information: Research existing ways students plan their academic schedule. Discuss pain points and best practices to determine improvements and innovations. * Design a use case: Create mock-ups of our solution, clearly state any data that is needed for this task and how that information is retrieved or input into the system. Identify ways to manipulate the data to best be displayed. This will be an iterative process. * Develop a prototype: Implement the design. If students have a technical background, we could create the app (it can be basic), otherwise we can make a high-fidelity prototype. | | | | | | | | | |

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| What outcome would determine that the project is a success? Do you expect specific deliverables? |
| It depends on the technical skill of the students. It would be great if they are able to develop a fully or moderately working deliverable (i.e. app, website, etc.). In that case, it would make sense if their solution is shallower. We would, however, still be looking for creative design.  On the other hand, if the students are less technical, the focus would be on their approach to the problem. The expectation would be that they will deliver a prototype with creative and thoroughly thought out uses of the data. |
| What are the skills and experience must the students already know to start work on the project?  Please be specific and keep in mind that students will be building their skills during the duration of the project. |
| We’re hoping to work with students who are more technical. We’d like to be able to give these students the full software engineering experience from start to end, and can best do that with students who have development experience. We can best do this with students who have programming experience. We’re flexible with the language choice as well. Ideally the group knows similar languages, and on our (Workday) side, we can adjust to whichever language the students choose. |
| What are the skills and experience required to complete the project that the students may learn while completing the project? |
| Through this project, they will learn to work with real-life constraints to design a use case. This will include research to recognize constraints and explore more creative options. As the project progresses, they will learn how to implement their own design and iterate upon it. They’ll learn what it takes to take a project from concept to functioning design. |
| The project representative must be available 30 minutes per week for status reports, the interim report, and the final presentation. As the project sponsor, are you able to make this time commitment?  Yes. Please elaborate. |
| Scheduling a set time each week to have this meeting has proved very useful in the past to make sure we stick to this commitment. |
| Some sponsors may choose to spend additional time with the student teams, e.g. phone contacts for monthly status discussions, reviewing research results, providing midpoint project feedback, and offering input to the final deliverables in advance of its completion. As the project sponsor, are you available to participate in these or any additional activities?  Yes. Please elaborate. |
| We currently have some large projects in progress and coming up that may make it hard to spend additional time with the student teams. Our schedule can be flexible and we would like to be able to do more, but it would have to be on a per case basis. We may be able to participate in some of these activities but not all. |
| The project representative needs to facilitate access to company resources as needed and approve expenses. As the project sponsor, are you able to facilitate access to such resources, should the need come up?  Yes. Please elaborate. |
| I don’t see any such needs coming up. If they do, we can re-discuss. |
| Please consider other contributions listed below. Are you willing to make these contributions? (check all that apply)  Provide existing industry and company data as background at the beginning of the project.  Pay one or more team members to travel to your location for initial briefing / work session / final presentation.  Please elaborate.. |
| We’ve typically had teams present to us via video chat, that should be sufficient. We haven’t felt the need to bring students to headquarters  The second one is also something that is more of a timing question than anything. |
| Please send your completed project proposal to the MPS Project Coordinator: [is-mps-projects@cornell.edu](mailto:is-mps-projects@cornell.edu) |