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**Invention Disclosure Form**

All documents submitted to the Office of Research & Sponsored Programs are treated as confidential, including technical and personal information within this Invention Disclosure Form.

This form should be used for reporting:

1. Inventions that can be protected under patent laws, including: Compositions; Methods and Processes: Machines and Devices; Algorithms; and Plants.

Examples include but are not limited to: medical devices, electrical circuits, computer software, manufacturing processes, new bacteria, newly discovered genes, methods of doing business, and uniquely shaped or ornamented articles or objects.

1. Works of Authorship (i.e., an original work of expression by an author, artist, composer, or programmer) that can be protected under copyright or trademark laws.

Examples of copyright-eligible materials include but are not limited to:

* Journal articles, books, course syllabi, lectures, printed instructional materials, manuals, examinations;
* Novels, short stories, poems, theses
* Artwork, graphic designs, sculptural works, photographs;
* Dramatic compositions, choreographic works, musical arrangements;
* Audiovisual works, motion pictures, videotapes;
* Computer programs, computer controlled multimedia, websites

To protect distinctive words, phrases and graphic symbols used to identify and distinguish a product from others in the marketplace, a Trademark application may also be considered as appropriate.

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**Start here:**

1. **Intellectual Property Title:**

(Title should be short, simple, and non-confidential)

Pathways of Distinction (PODs)

1. **Intellectual Property Description:**
	1. **Summary of the Intellectual Property (IP):** Please use laymen terms where possible, and define any acronyms. You are encouraged to attach *any drawings, figures, graphs, supporting manuscripts, posters, abstracts, presentation slides, etc., that would assist the ORSP in understanding the intellectual property).*

Pathways of Distinction (PODs) is a cloud-based app that will be responsive with all devices (mobile, desktop, & tablet) and operating systems. Current and prospective students will have easy access to the tool through easy to access hyperlinks and QR codes through multiple promotional streams such as our website, MyJU portal, and social media. This responsive web application will allow current and prospective students to actively create their POD from anywhere around the world. Designing for the future, the web application will utilize data from the student information system in real-time through APIs and secure file transfers, eliminating the need for heavy programming or redesigning of connections to student data. The POD application will use pre-created logic constructed on credit hours, core requirements, and prerequisites informing students that their POD creation results in an on-time 4-year graduation. With an easy to use administrator interface, Jacksonville University can keep the tool fresh and current by updating messages, adding pre-defined PODs, and refreshing career information. The PODs tool will be used for gathering analytics, allowing Jacksonville University advisors and faculty to gain insight on student expectations and career/program interests.

* 1. **What are the essential elements of this IP that need to be protected?** *(Examples – new methods of use, device design, chemical structures, research tools, works of authorship, presentation materials, etc.).*
	2. **What existing problem(s) does this IP solve?**

Only 5% of JU graduates in 2018 and 2019 completed a double major. Only 15% of students completed one or more minors in 2018 and in 2019, only 19% of graduates completed one or more minors. Although JU offers more than 60 different areas in which students can minor, only one-third of these areas are consistently utilized by students. Our solution to this problem is to create educational pathways for students that focus on the skillsets that employers want and to emphasize to students that these skills, rather than their type of major, are what will set them apart in the job market. The PODs application encourages students to enroll in more than one major and/or minor. We are encouraging students to enroll in a course of study outside of the college of their declared major, and given that liberal arts programs teach critical thinking, communication, mental agility, teamwork, and flexibility, these program areas will offer expanded options for students’ secondary and tertiary programs. By prioritizing these skillsets, we will further prepare graduates for life-long success.

* 1. **How are these problems currently addressed by others? What makes this IP different and better compared to the solutions or approaches used by others?**
	2. **What are the commercial or other applications of this IP? What products or services could be based on this IP?**

A product with widespread appeal is envisioned that, in time, could serve as a model for other colleges and universities to replicate across multiple cities targeting systemic change.

* 1. **What is the state of development of this IP? *(Examples – working prototype, beta tested, scripted, pre-clinical data, etc.).***

SourceFuse Technologies, based in Neptune Beach, Fla., has supplied a quote to develop the PODs application. SourceFuse builds digital ideas, processes, and products specializing in digital innovation, cloud infrastructures, and industry solutions. The following phases of development have been identified:

**Phase 1**

The first phase of the app development focuses on the creation of a POD, a report on the total number of credit hours to complete the POD, possible career pathways based on the selected POD, and a list of all classes necessary to complete the POD.

**Phase 2**

The second phase of the app (for which we are seeking funding) will tie the app to our student records database so that once a student creates a POD, she or he will be informed not only what the required classes are, but of how many they have already completed, and how many are left in order to graduate on time.

**Phase 3**

The PODs app will be used internally at JU in its first complete iteration (Phase 1 and Phase 2 complete). Once the app is fully developed, we plan to work with a third-party vendor to market the app to other colleges and universities.

* 1. **Please describe the circumstances that led to the development of the IP and the University’s involvement.**
	2. **What plans, if any, are being made for advancing this IP? Is funding in place to do so?** (*If possible, explain what additional development steps would be required to make this IP ready for commercialization.)*

The total cost of development of the app will be approximately $100,000. We are seeking $50,000 from the Lumina Foundation over a period of a year. A $5,000 technical assistance grant award from the Jessie Ball duPont Fund will directly support the technological development of the PODs software (Phase 1). We are seeking funding from the Lumina Foundations for Phase 2 of the app

1. **Funding Sources:** Please list all sources of funding related to the conception and development of this IP (include federal and non-federal, such as foundation, industry sponsorship, gifts, etc.). It is important that this information is accurate and complete because sponsors may have certain rights in the IP.

Jessie Ball duPont

1. **Third Party Rights to the IP:** Are there any other agreements in place with a third party that may affect ownership of this IP? *(Examples – confidentiality agreements/NDA, private foundation grants, etc.)?*

 [ ]  YES Name of third party: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 *attach a copy of each agreement(s)*

 [ ]  NO

1. **Public Disclosures:**

Have you already disclosed this intellectual property, either orally or in writing, to any persons or groups (e.g., conferences, meetings, seminars, proposals, etc.)?

 YES [ ]  NO [ ]

Are there any publications, presentations (including electronic disclosures) or other public disclosures planned in the future?

 YES [ ]  NO [ ]

Please describe the nature of the disclosure and the date that it occurred or will occur:

1. **Contributors**: Please list all individuals who contributed to the conception of the invention, including students and non-JU personnel. The Primary Investigator should be the first contributor listed; this person will be the primary contact for additional information and for all correspondence. Determination of inventorship is a legal matter and will be determined by legal counsel.

**Lead Inventor**

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1. **Commercialization/Potential Licensee:**

**Please list any companies that may be interested in your IP:**

1. **What companies, if any and to the best of your knowledge, are using similar technologies?**