

Innovation

UTO KPI Scorecard | FY20 Q2

Change to original KPI
Original KPI
Delivering
In Progress
Delayed

Q1 & Q2 FY20 Update

<p>#1</p> <p>UTO will become a major partner and provider of pedagogical innovation in support of measurable persistence to degree and year over year retention for ASU students.</p>	<ul style="list-style-type: none"> New Student Mobile App goal 50,000 app downloads + daily engagement 58,000+ app downloads ~ 2 daily engagements continuous feature release 	109k downloads (45% increase from FY19), 92k users, 5.84 min session length
	<ul style="list-style-type: none"> Innovation Collaboratory for Student Success in partnership with Provost Office 	In progress - relaunched as Learning Futures Collaboratory
	<ul style="list-style-type: none"> Micro Credentialing Pilots CHS HIDA & MLFTC & Badgr 	In progress - Badgr pilots launching for Spring 2020, Xplor in discovery
	<ul style="list-style-type: none"> Blockchain for Reverse Credit PoC with Foothill De Anza & Salesforce 	Underway
	<ul style="list-style-type: none"> Faculty Digital Fluency Benchmarking Platforms 	Digital fluency benchmarking being wrapped into the Creative fluency and assessment team.
	<ul style="list-style-type: none"> Next Gen Learning Environments - AI Adaptive to Scale + AR/VR pilots 	XR - In progress. Design session with Sony completed in Dec 2019.
	<ul style="list-style-type: none"> Next Gen Learning Environments - Classroom Sandbox + Creativity Commons 	In progress - university architect doing design costing for construction
	<ul style="list-style-type: none"> Assessing Workforce Preparedness 	In design
	<ul style="list-style-type: none"> Pilot of Slack Enterprise Grid for students 	Completed
<p>#2</p> <p>Big Data for Student Success</p> <p>UTO will be a key partner in ASU in-sourcing and developing capacity to address pressing challenges of student persistence, time to degree, individualized and personalized learning environments, and universal learning.</p>	<ul style="list-style-type: none"> UTO in partnership with EdPlus and the Action Lab (working closely with Provost office, ASU Colleges, and schools, coaches and advisors) are actively working on three data analytic challenges quarterly to address persistence and retention as outlined by the Student Data Collaborative 	Data analytic challenges delivery in progress
	<ul style="list-style-type: none"> UTO continues to lead in architecting a next generation data lake (building on 20+ years of BI) to enable a robust, learner-centric portfolio of data elements, all built within data governance framework 	A request process for AWS data lake has been implemented, 7 requests completed to date
	<ul style="list-style-type: none"> UTO's support of student success, through the development of the ASU mobile app, is collecting unprecedented data from student experiences with mobile (with permission) to afford analysts and support staff to better understand student behaviors, needs, and wants 	On track (collecting data, realigning data pipeline, etc.)
	<ul style="list-style-type: none"> UTO is piloting engagement with students through voice-enabled Alexa and other multi-modal services (voice, chatbot, mobile, web, etc.) to support learning, student services, extra-curricular activities, and entrepreneurship 	Completed Alexa work for Cronkite, ASU Alexa skills in progress
<p>#3</p> <p>UTO is focused on the transformational potential of the Universal Framework. As University leadership develops programmatic arcs of activity, UTO seeks to pre-position the digital infrastructure to advance the vision.</p>	<ul style="list-style-type: none"> FY19 Learner Record; UTO in partnership with technology leadership at Harvard University will issue a white paper on the technical requirements to evolve from Student Record to Learner Record; ASU will host a series of standards and requirements workshops to advance the Learner Record 	In Progress
	<ul style="list-style-type: none"> FY20 will produce a proof of concept of the use of Blockchain technology to advance the Universal Learning Framework building on the reverse credit PoC in FY19 with community colleges 	In Progress
<p>#4</p> <p>UTO aspires to partner with OKED and the Provost Office to design and deliver a world-class computational core facility for ASU researchers to advance use-inspired research and multi-disciplinary discovery.</p>	<ul style="list-style-type: none"> UTO partnering with OKED to enable researcher access to the Open Science Grid, the Open Storage Network, and other national network-enabled computational facilities 	OSG completed, others in progress
	<ul style="list-style-type: none"> UTO partnering with OKED to invest significant human and fiscal resources to provide the research community with world-class network infrastructure for conducting research and discovery 	In Progress
	<ul style="list-style-type: none"> UTO partnering with OKED to deliver and manage on-premise compute clusters within the constraints of data center (ISTB 1) capabilities 	On track, multi-year effort
	<ul style="list-style-type: none"> UTO partnering with EdPlus and the Provost Office to support the use of big data and predictive analytical tools to advance student success work 	In progress, 3 year effort
<p>#5</p> <p>UTO will partner and offer technological leadership to advance ASU's inclusive approach to Smart Campus/Smart City/Smart Region Initiatives.</p>	<ul style="list-style-type: none"> FY19 Regional Summit with University City Xchange and SFIS and the Center for Smart Cities and Regions in partnership with the Law School and the Cronkite School 	2 events (Smart Region Kick-Off & CJC Ribbon Cutting)
	<ul style="list-style-type: none"> Smart Stadium, Novus, Tempe, and Downtown Campus, A-Lab, Pilot ASU Research Park with Smart City capabilities 	4 projects (smart stadium, blue light project, Novus, LORA/carts); 2 partnerships underway (Cox and Sprint)
	<ul style="list-style-type: none"> IoT, mapping (ESRI) and data analytics to support functions; implementing mobile apps to support wayfinding, transportation, commerce, etc. 	Campus maps, building easement map, and Sun Devil Stadium CMX visualization in production. Arizona district map up next.
<p>#6</p> <p>UTO aspires to stand up at least one enterprise-scale entrepreneurial effort every FY.</p>	<ul style="list-style-type: none"> SuperSOC (Cyber and Information Security) collaborative community conceptual design in FY19, POC in FY20, and if successful, identify funding and continue with broad deployment yielding new customers and growing each year. 	POC development in progress
	<ul style="list-style-type: none"> CaaS (Integrated and reusable micro services as a platform) initial business case and program of service catalog developed in FY20, with customer on boarding FY21 	Complete as goal states in Process to demonstrate value
	<ul style="list-style-type: none"> Big Data for Student Success initial business case and program of service catalog developed in FY20, with customer on boarding targeting FY21 (newco FY22) 	In Progress
<p>#7</p> <p>UTO aspires to advance ASU's commitment to innovation in education to a global audience of innovators and learning designers.</p>	<ul style="list-style-type: none"> UTO in partnership with EdPlus will continue to design, develop, and co-host "ShapingEDU", a global exchange of technologists, and educators 	935 members
	<ul style="list-style-type: none"> FY19 2nd Annual ShapingEDU global "unconference" summit at MU March 2019 	~\$130,000 raised; 215 attendees planned for March 2020 -- on par with FY19
	<ul style="list-style-type: none"> FY19 10 monthly global webinars on ShapingEDU's 10 big themes 	4 ShapingEDU LIVE sessions held with 305 registrants -- a 95% increase in registrations from FY19
	<ul style="list-style-type: none"> FY19 Launch of 10 workstreams from around the world on the ShapingEDU 10 big themes 	5 projects launched; 2 projects completed and published; \$10,000 raised