

Quarterly Mobile Apps, Business Intelligence, & Database

BILT Meeting April 10, 2013

Meeting Minutes

Welcome and Introductions – Ann Beheler

Context to the grant we are BHCC partnering with Bellevue one of 7 colleges in the NISGTC grant.

*Review of slides.

Highlighting college goals for BHCC. We want to make sure that our entire curriculum is industry led and we partner with business. Our grant is trying to attract trade impacted and unemployed, but have an opened to section 30.

Making sure that everything we do has a tie to industry at the end of it. Developed 2 courses one at the beginning and one at the end of our stackables.

Judith Morel - In Washington, there are 34 community colleges. Bellevue is the center of excellence for technology, in order to support that we conduct ongoing business leaders like this one in our state many tradition programming jobs continue to be outsourced but that does not mean they are all going away. We see more developer jobs than programming jobs. Explosion in Business Intelligence and web analytic tools enable businesses to make decisions based on the information they have.

Ann Beheler - The other five colleges that are involved all are looking at some aspect of programming to. The colleges in this grant are cross pollinating each other. I thank Judith Morel and Paula Velluto for leading this. Collin also has a mobile app program.

Dawn- what we need to hear in terms of feedback is that what we are offering students is what is needed. We consider ourselves to be the expert in subject matter delivers but may not be the expert in what is needed. The trends we know are growing and the devices of mobile are growing as is the security of using these. Feedback on who companies are hiring to work on mobile devices. Held a cross-reference to KSAs across consortium to make sure that our curriculum matched what this BILT said was needed.

We do have faculty development available and intro to iOS and the web professional association is putting on a BI course.

Bill Cullifer - it's great to see your presentation this morning. What I really like about the opportunity is that we have had such a maturity in the industry with storage, the cloud the software tools have improved significantly, and dashboards have become so useful. The promise of business intelligence today. The playing field is level what was once enterprise level is available to small and medium sized

business. We can become very competitive quicker faster cheaper better. The explosion for companies to really get more from their data is real. We combine this with web analytic provides real opportunity not only is going to float our economic boat is that it provides a lot of jobs. The summer course is aimed at every market. The fundamental of BI but deep dive into what big data is all about. There is another level of analytics that is predictive. Companies can now understand where their buyers are and separate them. We're excited about the opportunity and the real jobs opportunities coming around.

Dawn Zapata - BHCC and BATEC host some professional development as well available for High school to 4 yr faculty. In terms of curriculum we have stacked all of our curriculum we have fast tracked 7 of them with an 8 on the way. A one credit attached for career coach services. Virtual lab being developed for our courses. The newly developed mobile app Collin is assisting with IOS and we are focusing on Android and Microsoft. Would like to show you some of the curriculum to get your feedback to make sure we are on the right track.

Matt Glover- I think it is a great basic course when we talk about mobile design concepts and terminology.

Paula - Terminology is mobile and non mobile.

Matt- I was gearing on number two.

Paula- Yes, this is designed to show them that they do need some back ground.

Evan – This looks like a good thing to me, get your foundation in whatever you need. I have never seen a mobile app without a third party server. That could be part of a second level course.

Kevin- It depends on whether you are going to developing programs in a vacuum or if you are going to be reaching out. Down the road you are going to need to tie that with code that reads to another device.

Dawn – Thank you. This is extremely helpful. We also would like for you to know that we have divided Android and iOS.

Evan- The class we just spoke about, is it specific to android or iOS?

Dawn- It is just a general intro but could probably cover both.

Evan – That's good, I like that.

Ann- The lead makes the model curriculum then each college decides how they want to configure at their own colleges. Some colleges may make them take both and some may make them specialize.

Matt- What we struggle with is the work flow that goes with the coding, a class with in the course that covers, that button in the right place so that you don't need a manual.

Paula- The next class has that.

Tebring- I have a question the first two class are using app inventor.

Paula- No, we through app inventor in whenever we can but these courses are not generally app inventor.

Bill- How many actually utilize enterprise level apps? I have been an advocate of finding jobs for the low hanging fruit, but at the end of the day solutions for small business. Are we talking about enterprise apps or apps we can make quicker faster better?

Matt- I'm looking for quicker faster cheaper but driving out mobile apps that drive business. My development staff to start retraining their team so they are focuses on Windows 8 so they can start creating touch face interfaces. Putting in own private social cloud. Making it more of a service oriented other than let me put in a help desk ticket. We are driving more to a business development. Creating our own in house store. The biggest thing I need – I need the way they think from college student – I wasn't raised with the internet I had to grow into it. How can I get that young blood into my team that has it in their blood. Sometimes I am looking for that out of the box views to help with creativity.

Bill- I can teach web standards, and we insist on that in the organization. There are all sorts of tools that can do that for us I guess that doesn't mean that we don't need to know what's under the hood.

Matt – Absolutely, your beginning with the end in mind at first.

Bill- By taking them and showing them what they could do first and then showing them what they could do in real time.

Ann- I would like to talk about something we are doing at Collin today we are doing a boot camp for mobile app then Tebring will be doing a little app. We did it with trying to get women to attend so we did pink flyers, etc. but last we checked we have 14 people, which are 3 girls and the rest are men.

Bill- Here is what I have learned- I managed a national contest for web design. The point I am trying to make to create a buzz comes take your visual design course and get your experience. If you say to a young lady I'm going to take your visual design skills and show you how to make something exciting.

Matt – Agrees.

Ann- I'm pretty sure Tebring will get some going this is just to get people toe in the water to see if they like it.

Dawn- Those are very important information the last slide is asking ideas on how to get women on the programs.

Ann - We had about 20 people for IWITTS training here we have been actively going after women.

Dawn- This is actually really fun, in my intro classes the women have actually out done the men in creating apps.

Bill- There are two sides to this the entrepreneur and the business side.

Matt- It's really a huge emerging market- just read an article about a 17 year old kid who started his own app company when he was 15 and sold it to yahoo last month and has a job for life at yahoo. You just need to know how to tie these ideas together for consumers.

Bill- What people are looking for solutions? You don't just have to be a programmer to take advantage of this.

Bob- I agree with both of you fantastic stuff you are saying. Education tends to get into Fad education, whatever seems to be hot, colleges tend to just on it instead of the things that will be around longer. Should be a well rounded it program. Logical thinking should be imbedded in all pieces.

Matt- That frame work you are talking about should be embedded into all courses. This is just a tool in your tool belt, along with everything that you know. It's the marrying of technologies.

Elizabeth- Yes, the first description is dead on. The other will go from here more advanced.

Dawn- I would like to go over one more course. Judith, do you want to talk about the stackables at Bellevue.

Judith- Yes, I will start then hand it off to Sylvia. We are on a QTR system starting with database analyst, database developer, etc. We just introduced a 4 yr degree in information systems. You have probably heard an upside down degree student focus on their technical classes in the first two years and core classes the last two years.

Dawn- We have to be care in a public realm reaching out to specific groups. We have similar flyers and posters like what Collin did, but we are making connections to reach out. We have been working with female faculty to mentor students in a competition. The best practices you noted are certainly things we need to incorporate to target to these groups.

Judith- Upside down degree a student would complete most of their technical courses in the first two years that would make them hopefully employable right about and then take their core courses at the end. Our goal is to make students employable as soon as possible.

Sylvia- We are offering these programs at night online, in class and hybrid.

Judith – Our tuition is lower than that of a 4 year so we are hoping to increase students getting their degrees.

Dawn- One Stops have been waiting on this stackables – to get their unemployed people trained quickly to save them some money. Do any of the business partners what types of jobs they would be hiring for and if community college students could compete?

Matt- Some off the jobs we have to focus on this, Microsoft is embedded into a lot of this as it is in many companies, continuing to move into a Microsoft tablet is where I am heading. There were not a lot of Windows 8.

Ann- You were here when we did the meeting in May, this was not around then. We are kind of up against the wall so all curriculum has to be complete by June. With that said I have been talking with our FPO that it is possible we will be getting a no cost extension. We could certainly do a windows 8 version.

Matt- So another question you asked me directly, Ann was would I hire some of our students. I actually would because it's that younger generation that interests me. I am really excited about the potential and the way we are putting these curriculum together I can't wait to see the results.

Bill- Last summer we presents a mobile app – if you were advising these schools to start drilling into programming or would you recommend open source material to develop across platforms. Is that something that would be workable?

Matt- That's very interesting you and I think similar. I am big on foundation; I also like the things you are saying hey I want to get people excited. As long as I can lay the foundations and showcase the benefits to create excitement. I don't know that we need to have platforms. The reason why I said Windows 8 is because that is what is driving in my business. Open source is great if I can take that person and plop them in and they can do this then that would be great.

Bill- Ann is that on track for you.

Ann – That is what we think we are trying to do. The issue for us, our process is to have gone through the KSA to map them to curriculum and modify the curriculum to match. Work with the businesses closely, business mentoring for students on projects along the way.

Bill- Ann you have been doing this as long as I have I am a big fan. Get someone employed fast and someone report back to me this was great. They don't care how it works they just want it to work. We are talking about average bettys that just want a job. Teach them the flame than teach them the 1 and 0's. The unemployment rate for 20's is unbelievable we need to get these people a job yesterday.

Ann- This grant is providing the staff to allow us to give you the so what data. The convergence NSF has been using this and we could give you some feedback from that to show you that it does work. I feel extremely strong that we do need to listen to the businesses. I do appreciate every one of you. You have lots of faculty on this call that can implement everything you just said.

Dawn- I really integrate what Ann just said.

Ann – Can I suggest that our next meeting be done in June and then I am trying to put together another face to face in late Aug- so that you can see what we have put together, so that you can tweak last minute. Having this DOL money is a luxury that we want to take advantage of and do things we couldn't do otherwise.

Matt- That sounds good to me.

Ann- Details to follow. Thank you it was wonderful, thank you dawn, Paula, Judith, faculty, and business folks.