

The role of technology in vocational training and skill upgradation

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So, what of technology?

3 themes



1. Consistency

- . of teaching, learning experience and assessment

2. Validity

- . of identity and results

3. Scalability

- . while maintaining consistency and validity

” Must be underpinned by effective, well proven quality assurance processes

Effective use of learning technology



Action Here

- “ Teachers/trainers are fully trained in appropriate quality assurance and assessment processes, in use of technology support tools
- “ Fully tracked learning, from diagnostic to completion
- “ Qualification and learning content embedded in trainer, assessor, learner and employer/manager workflows (e-portfolio)
- “ Content delivered is customised and more up-to-date

Can result in these benefits

- ▶ Consistency of teaching approach and quality of learning experience
- ▶ Improved validity of candidate identity
- ▶ Reduced cost, ability to scale
- ▶ Improved efficiency with higher quality learning outcomes and direct employer business benefits
- ▶ Faster completion and more efficient use of classroom time

Benefits of Learning Technology for Support Right Across the Learner Journey



- Student sourcing, placement
- Social networking
- Career coaching
- Career transition
- Ongoing CPD



- Basic and key skills
- Learning styles



- Individualised learning
- Generic & integrated skills
- Coverage of all awards and standards
- Texts for all levels of students
- Full customisation

- Certification of competence
- Market leading assessment and verification



- Regular formative assessment
- eTesting that captures performance
- Underpinning knowledge



Delivers data to customers systems, driving increased efficiency



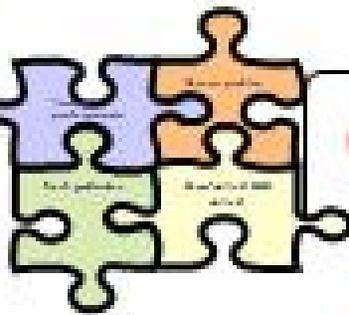
learning assistant



Enabling the People Supply Chain



Supply Talent / Labour



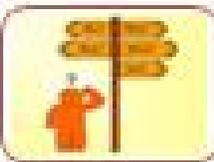
Students



Institutions



Government



Intermediaries



Business



Demand (Jobs)

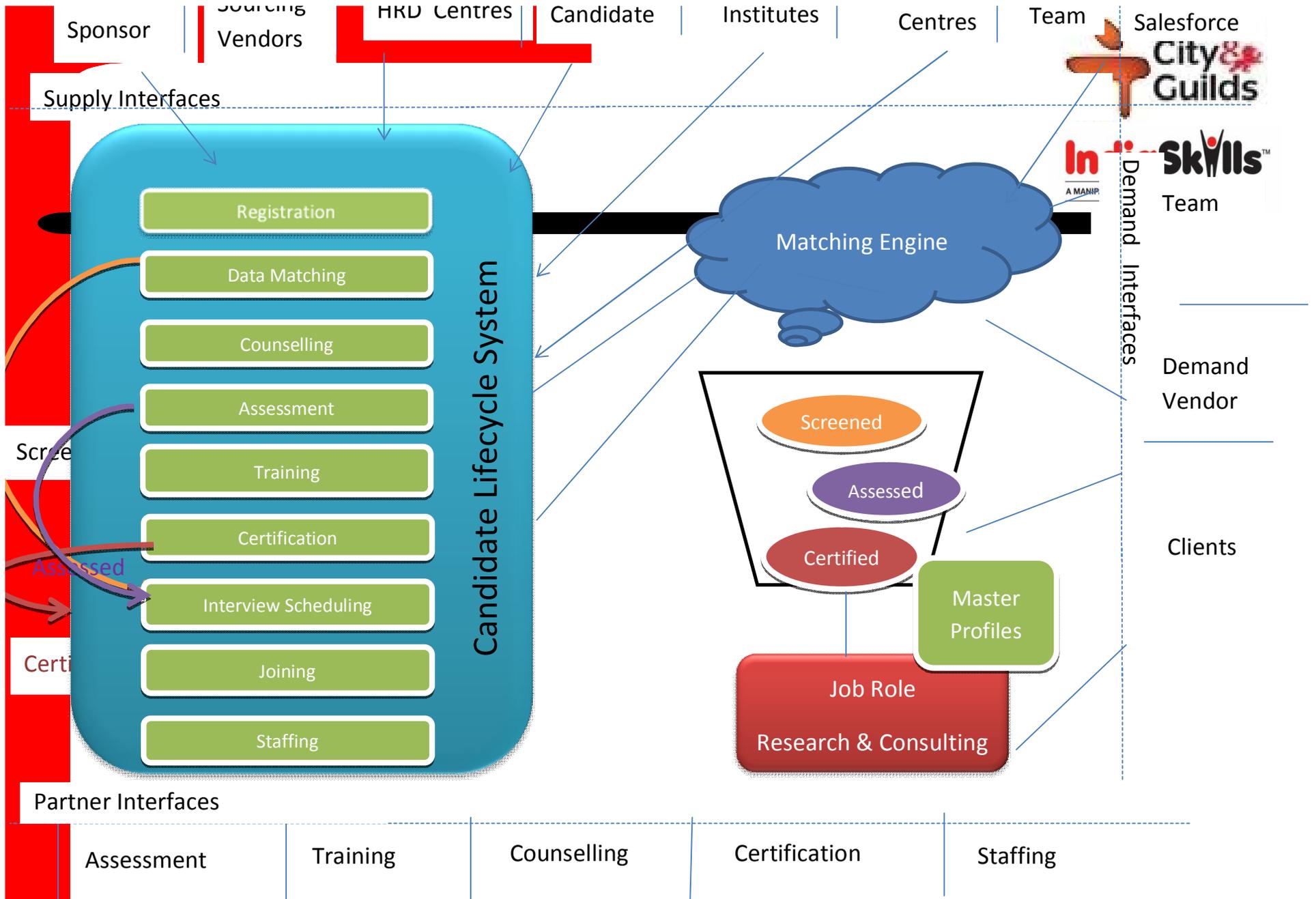


Different Capabilities

Varying degrees of employment

Right-fit Candidate

Productive work force



Intelligent Learning Environments

Personal Learning Networks

- Content, people, resources
- Prescribed, discovered, created
- Closed group as well as open to the web

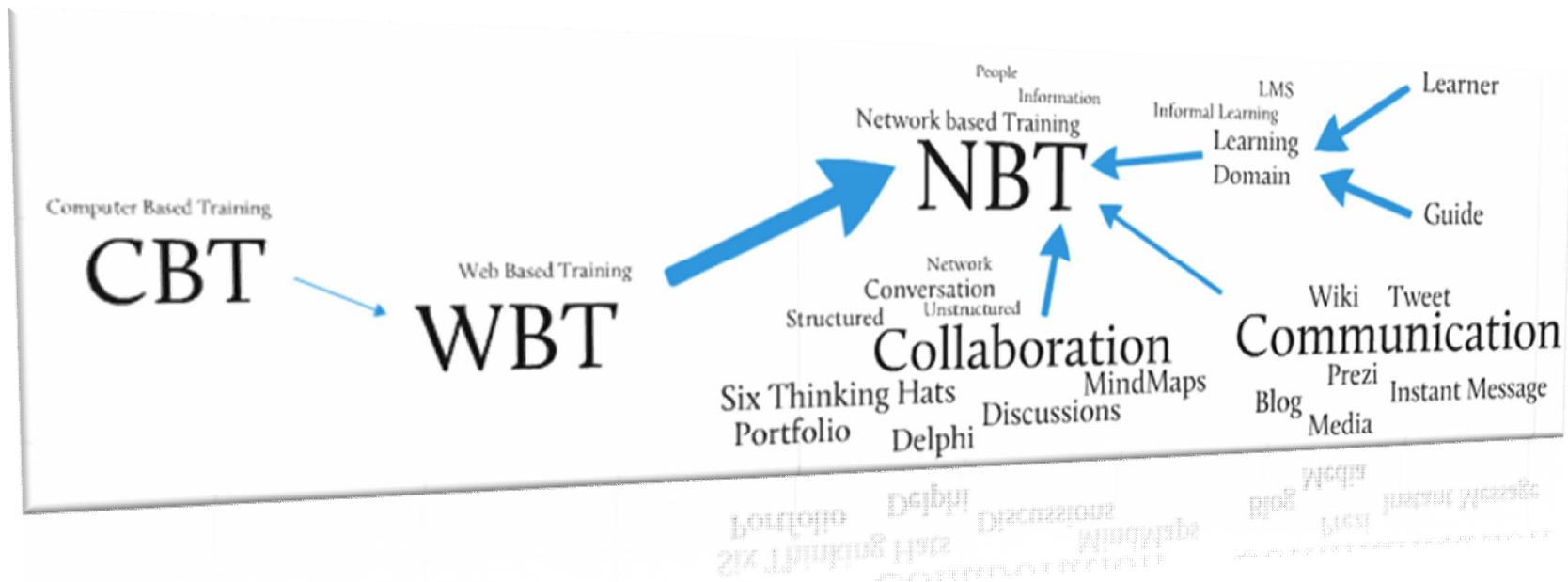
Adaptive Learning

- Individual focused learning for multiple pedagogies in distributed learning
- Dynamic points of intervention based on measurement of learning

Long Lived Collaboration environments

- Not just a LMS/VLE but the workspace for faculty, students ...
- Alumni networks, research groups, project groups

Learning X.0





Hi there!

Could you please help me buy green chilli pickles. I am am not able to locate them in store.

 You missed greeting customer. First greet the customer and then offer assistance.

Virtual Mentor

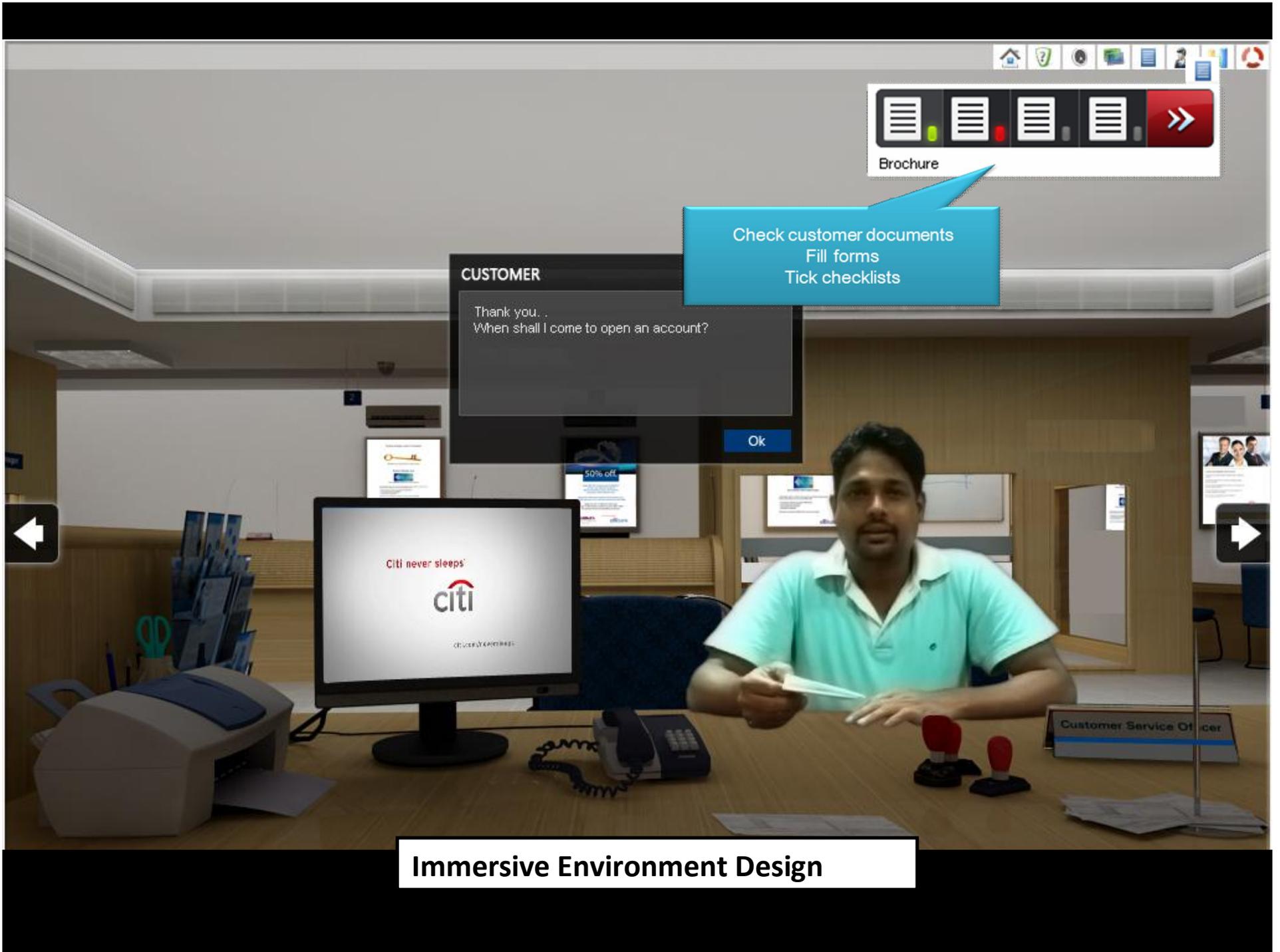
- Sure Maam! Let me help you with it.
 - Maam, you need to go to grocery section. There you may find it.
- Ok



You missed greeting the customer warmly. This helps increase customer comfort greatly!

Virtual Mentor helps and guides the trainee through the process

Immersive Environment Design



Immersive Environment Design

SALES MANAGER- DIALOGUE

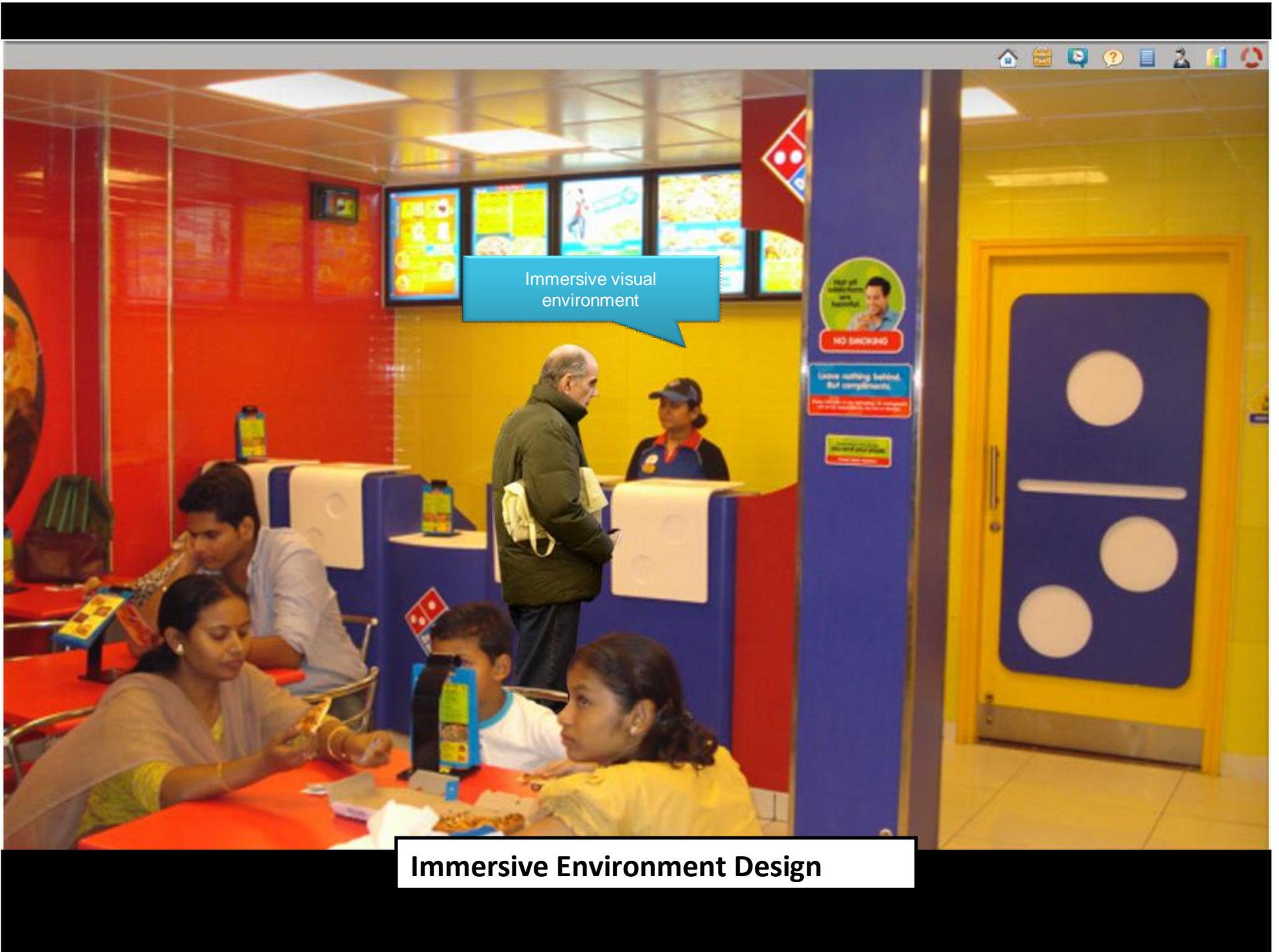
- You are absolutely right. Can you let me know what your taxable income is and what investments you have already made?
- Sir, tell me your taxable income.
- Sir, you can choose any investment plan. All our plans are very good.

Ok

Sales person responds to requirements by selecting the right response from a set of possible responses.

Immersive Environment Design





Immersive visual environment

Immersive Environment Design

Performance Dashboard

Learning Stats

Allocated processes : 16
Completed processes : 2
Success rate : 12%
Master Score : 24%

Assessment Stats

Total Assessments : 4
Unlocked Assessments : 2
Assessments Completed : 1
Master Score : 56%

Skills Dashboard



Maximizing Human
And Organizational Performance

Would you invite a plumber into your home who has only learned online?



“ Vocational training and assessment has two parts:

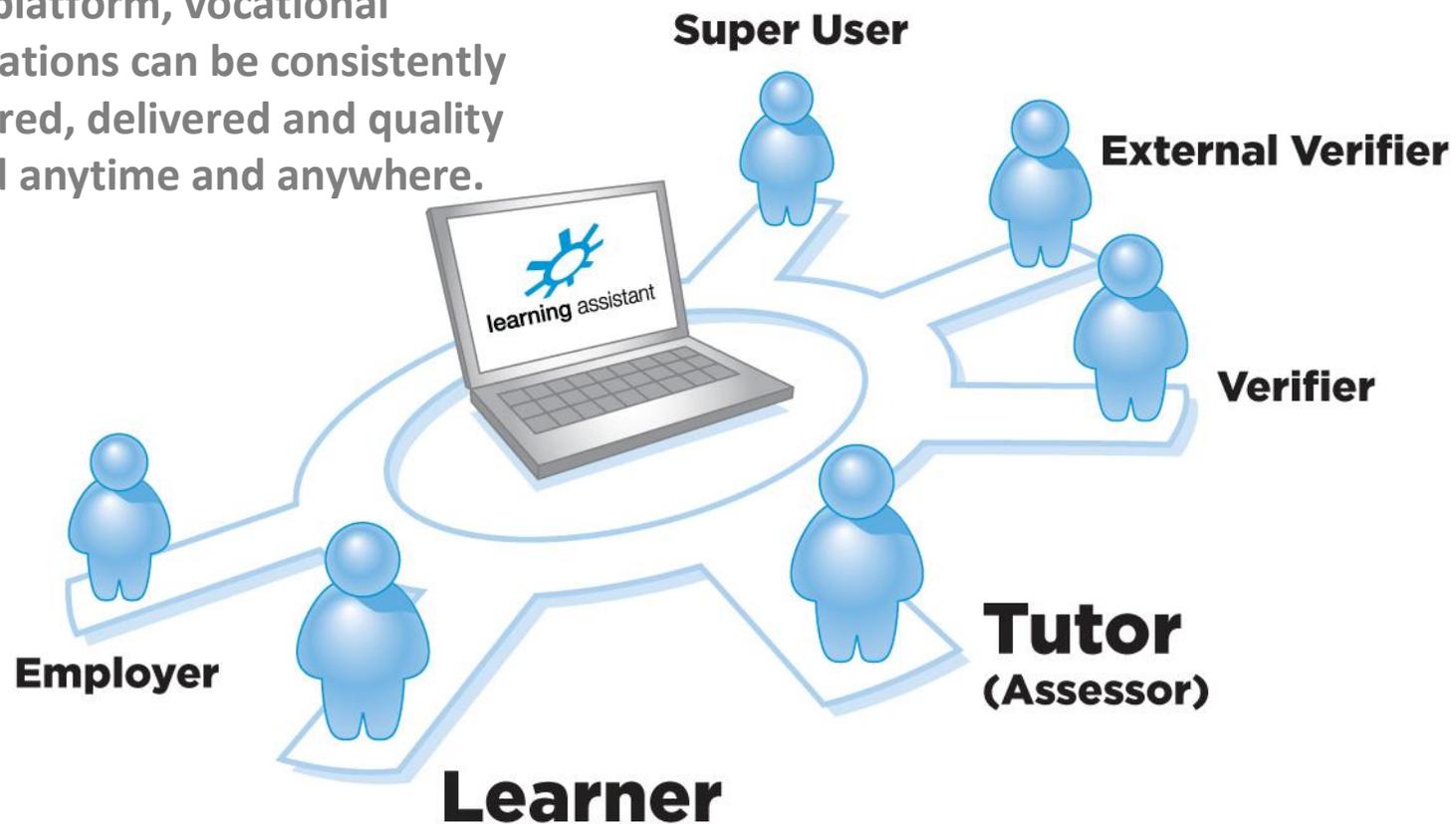
- . Knowledge
- . Skills competence

“ Technology can be used to assist with both

“ But someone **qualified** to do so must observe the learner performing skills **consistently and to accepted national occupational standards**

e-portfolio: gathering evidence and assessing competence, digitally

Thanks to Learning Assistant's online platform, vocational qualifications can be consistently monitored, delivered and quality assured anytime and anywhere.



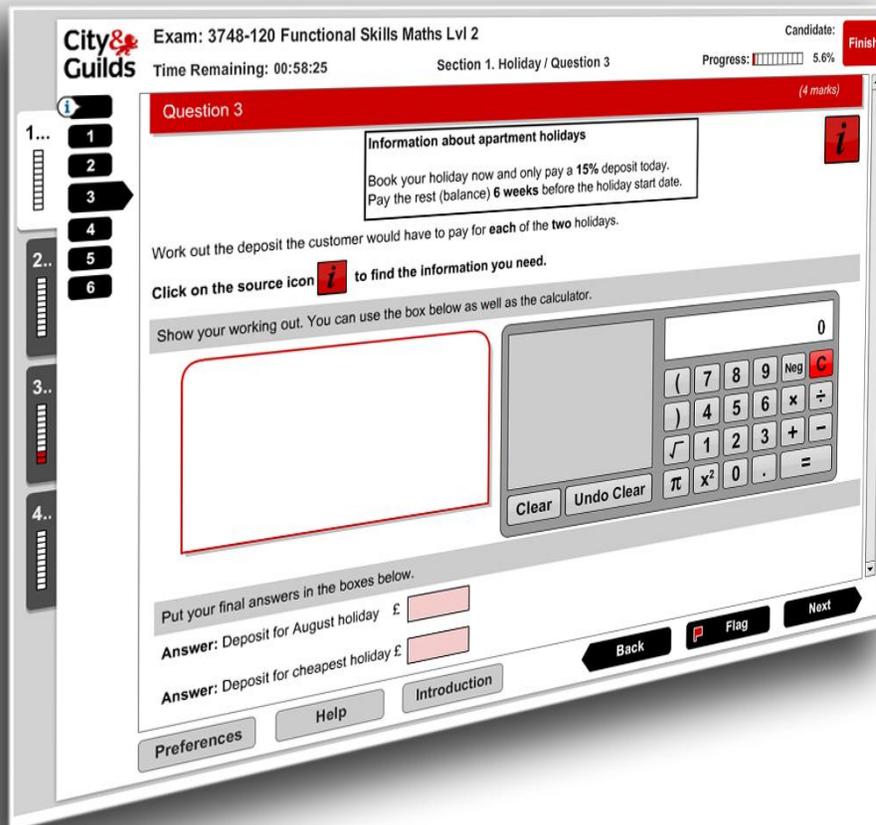
e-portfolio iPad APPS



The iPad app prototype is currently being built to support the
18 online / offline access to portfolios that assessors demand.

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Secure Online Assessment of Knowledge



“Set tests whenever and wherever is most convenient, 24/7/365

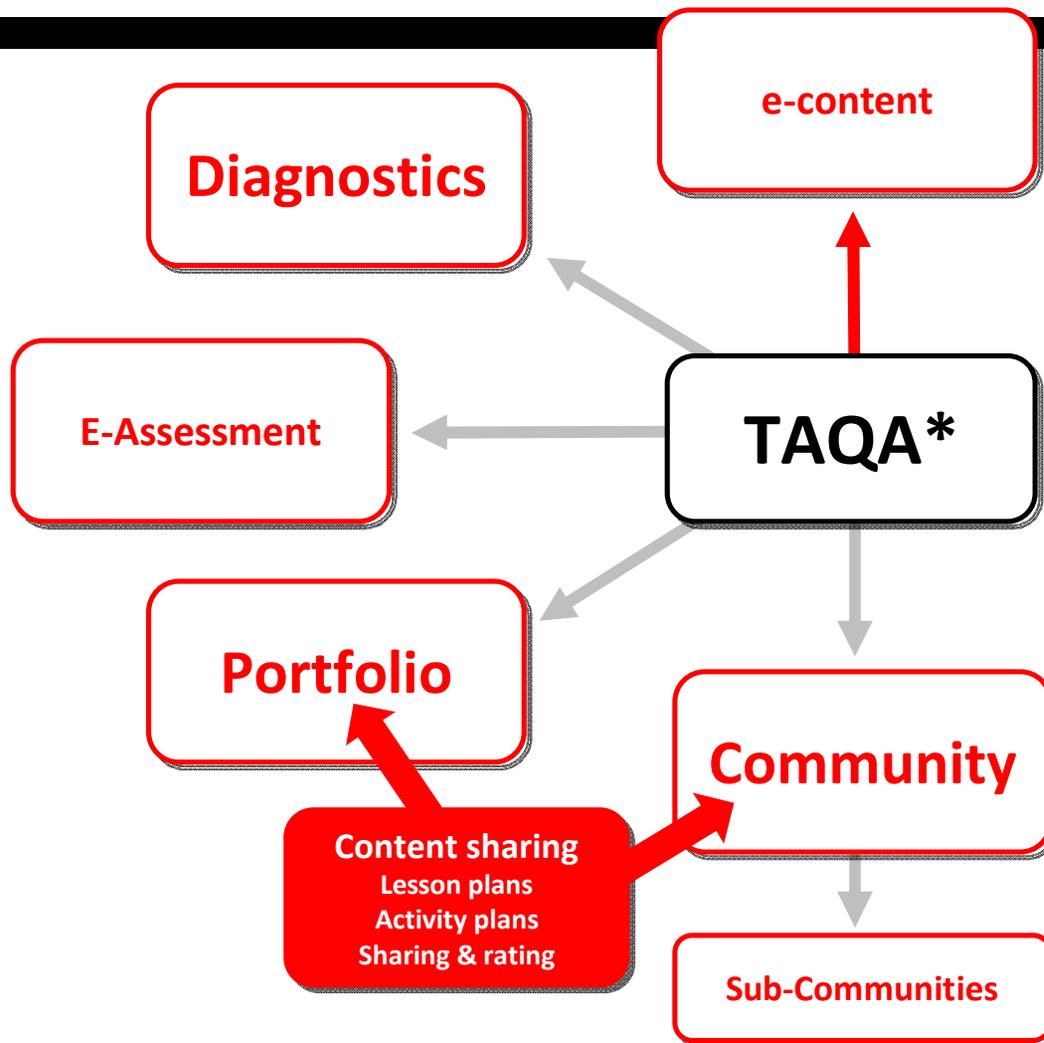
“Can conduct tests anywhere securely (no browser access); invigilator option to provide proof of identity

“Performance feedback within seconds and certificates within days

“Reduce administration and paperwork - no storing, couriering or marking of papers

“Download and deliver tests without the need for permanent internet connection

Use of technology to achieve consistency of Teacher Training



There are significant opportunities to create a consistent, certified infrastructure of teachers, at scale, using a combination of content technologies and community

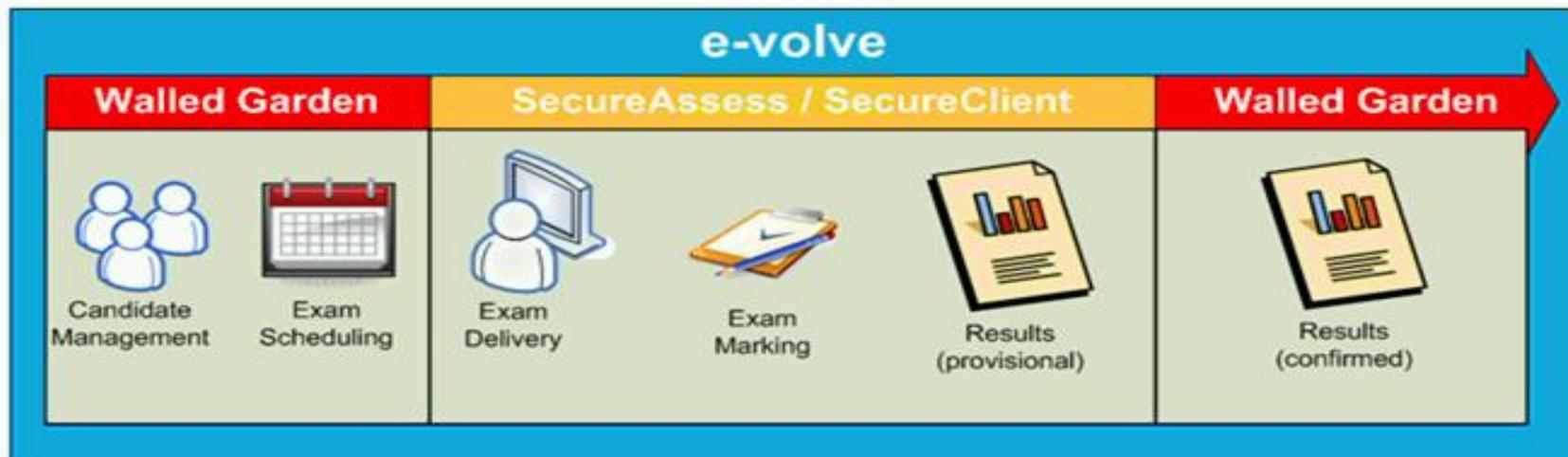
* Train the Trainer, Training, Assessment & Quality Assurance qualifications

E-Volve

WHAT IS E-VOLVE?



e-volve is our new e-assessment platform



WALLED GARDEN – EXAM SCHEDULING

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Order type

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Assessment

Checkout

Confirmation

Unit or Assessment selection

Centre No. Customer No. Order type

Time extensions - Please select the required % time extension for the required candidate(s) in the 'Additional time' column. If your request exceeds the maximum allowed you will be asked to pay separately to cover the additional time. This should be arranged with the candidate's centre. For more guidance on time extensions, please refer to the assessment guidance document.

Select Qualification

Select Unit/Assessment

Select Scheduling Details

[Click here for Important Tips](#)

All same All same All same All same

Add Exam	ENR	First Name	Last Name	Qualification	Unit or Assessment	Date (dd.mm.yyyy)	Time	GOLA Account ID	Additional Details
+	SVV2455	JAMES	BOYLE	2330-01	2330-201	24.03.2011	12:00	76AAAA	Show
+	SVV3354	LYNSEY	BROOKS	2330-01	2330-201	24.03.2011	12:00	76AAAA	Show

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E-evolve links



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Lets collaborate



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