Shared Content and Minutes:

Weekly Minutes:

Week 3
Suggestions from tutor:
- Have recommended cars, cars suited to age, suited for journey
- From management side: parking spaces for returning cars
- Booking system is not really what we are after
- For story titles - shorten to no more than 3 words and they should either be ordered by priority or have a diagram to look at all users. Eg as manager, data scientist, staff, new users, administrator.
- Add return dates for functionality
- There are 4 main tables that the database will pull from:
    - Store table
    - Customer table
    - Car table
    - Time table: standalone which is much easier or an integrated timetable
- Leave placeholders for other data to come in (eg Price)

Things to change:
- Create user stories for:
    - o   Register new customer
    - o   Add review comment
    - o   Popularity by location (currently I think we just have overall popularity – this would be more tailored which I think the tutor said we should aim for?)
- Detailed acceptance criteria

Things to consider:
- Must have need to be in first sprint (highest priority)
- Emphasise what our challenging function will be (this was in the context of building the assignment to really showcase this, it will be different for each group however it should stand out)

- Establish business logic regarding the functionality for each step. Consider structure and then content.
- Make sure user stories can be connected into one product.
- Create issues in GitHub, to keep track of team.
- Be specific within reason, clarity, if someone is reading the story they should have a clear idea of the expectations. These expectations are laid out within the acceptance criteria so they should be detailed without needing to go into absolute specifics.
- Recommendation page is most complex, needs data analysis, eg from backlog it will require creating, integrating etc – consider this when writing user stories and also for time management.
- Submit stories in PowerPoint

Week 4 - 16/08/2018

Things to ask:

Ask about acceptance criteria in user stories

Things to change

SA02 – Be specific about the layout of the page when referring to updating car information

D02 – Establish how data is going to be display (ie raw data or in a display format)

PC01 – How is the car information going to be displayed

PC05 – extension of the search by availability (ie. Advanced or optional search)

PC06 – filter by stars, star show up on results page and then reviews could be on clicking of the cars to see more details

EC02 – Clarify customer information tab (where is it? What other information will it contain?)

EC01 – Specific information on sign up

Select login as a customer or employee and then in the staff login page you would have levels of access (not job descriptions) so level 1 being highest level of access, 2 is second highest etc

One database should be enough and have the tiers as an extra column (usernames, level of access)

When they login they will have restricted access depending on their tier. Board members might have two or more tabs for example. Or you could have something that says business data and when the manager clicks on it they will see branch specific, however if its the CEO they can see everything.

Format stylesheet is a sprint element not a release - customer does not really care about the stylesheet.

Login and search functions need to be on every page

Acceptance criteria does need to be very specific

Visual aid is both allowed and encouraged (can be included in an appendix)

Really focus on the reporting and data analysis (these are the core functionality)

In the company of car rentals you don't necessarily have a data analyst so our goal is to simplify that as much as possible.

With our recommendation system customers can skip the staff part and they can see the results directly through the website.

From a reporting side of things you can have a report of the top 10 recommended cars that a customer could print out but the main focus is for the management team. Consider things like what is the time between returns and the vehicle inspection (eg if it is two days this is taking too long so we can find out what the issue is and make business decisions)

60% must 20% should and 20% could

Things to do:

Backlog is not equal to user stories, it is related to the sprint plan which is what you would submit to the developer team.

The client does the UX testing, client side is the release plan.

EG

As a branch manager I want to see a monthly report of the car stats

Set of backlog items:

Access (login)

Develop an analyse tab

Establish a connection with the database

Develop filters to filter out information

Transform filters as queries

Design a display sheet for the data to show up on

Add a print button for the

Pay attention to when stories share certain tasks (for example making the connection to the database only needs to be established once despite the action being repeated)

Git Hub needs to be used for updating backlog

Teaching team has agreed: have one release (weeks 5 to 13) with two sprints (weeks 5 to 9 is one, and 9 to 13)

Make additional release plans for 'if you had more time' in this we can include some could and would things from the user stories. These will not be done in the course of assessment but it is good practice

Today's homework is for everyone to submit a python/Django code in the repository

Start thinking about folios, the real portfolio starts after week 5 (going into the first release)

Central location – 'Staff homepage' (add this as a user story)

Visualising the webpages instead of relying on acceptance criteria

Help – FAQ & Contact Us

Header (Format Stylesheet – B04)

Week 5

Release 1 is the only one that needs to be really detailed

2 and 3 don't have to be as specific

Sprints 1 and 2 will be related to the first release.

Explain how story point estimating works

Calculate team velocity

Story titles only 3 words max

Coherent release and sprint plan

Need to have analytical user stories

A lot of people are missing connect to database in the backlog

Website should have an access control systems (different users have access to different information)

Specific how to represent the results in the Acceptance Criteria

Team with highest quality homework submitted before tuesday midnight will have the most one on one time with the tutor

Format for homework submission:

We closed (x) tickets after last week workshop

Link

Homework (as long as it is not code) as attachment, or in repo, both are fine

Make sure IS students have tickets, particularly for design that way in Portfolio we can say we have closed specific tickets

Make sure we have GitHub training before

Always push working code, if code isn't working don't push it

Have a development branch to work with before merging

Training for team mates can be considered a portfolio

For determining velocity they have given us a formula in the lecture however we can use our own. Make sure this is explained how it was calculated.

Also explain how story points were finalised (either by voting etc)

Needs to match the time frame that we are planning to deliver on, if velocity exceeds story point total that is a problem.

Ask

When finalising the backlog

Week 6

For more information on artefacts, go to the FAQ.

There are four tasks for the project this week, allocate one to each team member as these count as artefacts. In the case of five members as in our group, split the hardest one between two team members

Task 1 - Riley

Task 2 - Kaushal & Mike

Task 3 - Shaleen

Task 4 - Alana

Use different functions for cleaning numberical values and text data (reg expressions)

Find missing values etc, can be done by IS students

Planning session before each workshop to identify specific tickets completed and worked on. Consider two weeks workload.

Doing a testing session just before the workshop to integrate code and see if it works all together.

Along with acceptance criteria we need to establish technical testing criteria – what constitutes 'this code passes the test'?

Have this documented in GitHub Wiki Page

Documentation should be minimal and easy to understand.

Master branch should just be fully working code and second branch will be for development, can even separate backend and front end. For diagrams, wikipage is a good place to go.

Week 7

Change name to full name and take out Middle name

For assignment we need to explain the classes to fulfill object oriented programming. In the case of IS students we can refer to the div class and how that related to the function rather than the class specifically

Week 9 Workshop

Try to add all advanced options in one page so that the landing page is easy to navigate/view

Pearson correlation - python package or you can just implement the form.

This would be a great functionality to pitch to the clients when we do our demo at the end

Update contact us, and the location search

Work on visualisation as a separate functionality, ie making a graph or something that will show comparisons (for example, which stores have higher sales etc)

Make sure you include update clients requirements in sprint 2, could just be a separate category of client updates

Make authentication a priority so that when we are testing we can see it from each user's perspective

Header on all pages

Week 11

Focus on testing, automatic testing in Django that will count towards this rather than just

needing unit testing. Also measuring the testing with the acceptance criteria can be classed as a

separate item.

Week 12

To Do:

Cover all the housekeeping stuff in the powerpoint presentation and then allocate demo time at the end, particularly highlighting the features and functionality

Make sure to zip everything in the master and upload to blackboard because if there is an issue with marking the lecturers will need to access the code.

Check everything against acceptance criteria

To Change

Fix errors in regarding to formatting:

Home page needs reformatting
Show Car Info needs to hide edit page
Hire cars button on nav bar doesn't link anywhere -
Staff portal page formatting
No upcoming data - fails
Can't access car popularity page
Error message for date prior to pick up date? Currently it still searches and returns no results
Create new account page: when entering a password without an uppercase letter it does not give an error.
No error for an incorrect email (compared to on the contact us page when its entered without @ symbol)
When entering login details that are inccorect the page just reloads with a blank password bar - could add error that says 'email or password is incorrect'
Link from FAQ to Contact Us
Add 'any' criteria to search so that more vehicles show up

(Full list is in the note on Riley's computer)

Environment Analysis:

* Cars can be filtered by type. We could do this by number of seats, brand, and engine size.

Eg sport would be 2 seats and specific brands (BMW, Audi - just examples)

Economy 4 - 5 seats with an engine size below a certain number of litres etc etc

SUV 7+ seats

Or to simplify we could just filter by number of seats

VEHICLE RENT

📍 Launceston, Launceston Airport   📅 01.02.2019   🕐 10:00   »   📍 Launceston, Launceston Airport   📅 11.02.2019   🕐 10:00   **Change search criteria**

Pick-up locations

☐ Shuttle off airport
  Price from A$618.47

☐ Terminal
  Price from A$903.05

Car groups

☐ 🚗 Medium Car
  Price from A$618.47

☐ 🚙 Small Car
  Price from A$708.12

☐ 🚘 Large Car
  Price from A$991.63

☐ 🚐 SUVs
  Price from A$1,389.79

Price

A$618.00   A$1,483.00

Car features

☐ Automatic transmission

☐ Air conditioning

Choose BUDGET package for the lowest fare or RELAX package for the best value for your money!

Sorted by: Price: low to high ▼

Hyundai i20 or similar   `Medium Car`
immediate confirmation

🚪 3   ⛽ Aut   ❄️ Yes   👤 5   🧳 1   🧳 1   ℹ️

SIXT rent a car   ℹ️ **Important information**

📍 Shuttle off airport   ✉️ SAVE FOR LATER

BUDGET	RELAX
A$618.47	**A$681.08**
✓ Unlimited mileage	✓ Unlimited mileage
✓ CDW	✓ CDW
✓ Theft Protection	✓ Theft Protection
✗ Excess covered	✓ Excess covered
✗ Cancel until the last minute	✓ Cancel until the last minute
✗ Coverage for roof, tires, mirrors, undercarriage	✓ Coverage for roof, tires, mirrors, undercarriage
SELECT CAR >	**SELECT CAR >**

⬡ **TRAVELBEE CLUB**   Join our TravelBee Club and start saving!   **Unlock access**

Hyundai Accent   `Medium Car`
or similar
immediate confirmation

🚪   ⛽   ❄️   👤   🧳   🧳   🔋

BUDGET	RELAX
A$686.95	**A$749.55**
✓ Unlimited mileage	✓ Unlimited mileage
✓ CDW	✓ CDW
✓ Theft Protection	✓ Theft Protection
✗ Excess covered	✓ Excess covered
✗ Cancel until the last minute	✓ Cancel until the last minute
✗ Coverage for roof, tires, mirrors, undercarriage	✓ Coverage for roof, tires, mirrors, undercarriage