

SIT223: 3.1GP User Stories and assigned Story Points

Estimation Method

- Scale: Fibonacci method, 1-2-3-5-8
- “1 point” = tiny, low-risk, no dependency task (<1 hour)
- 2 vs 5 points:
 - o 2 points = small task (1-2 hours) minor dependencies
 - o 5 points = medium task (half a day), this would include multiple steps and cross-checks with merges. The points will be assigned based on the effort, risk and uncertainty of each task, and will then be noted beside each checklist item for the Trello board.

User Story 1 (Header & Logo/ 10 pts)

Persona: Emily the Undergraduate Student

Name: Emily Chen

Age: 19

Location: Geelong, VIC

Profession: First-year Arts student

Education: VCE degree, currently studying Bachelor of Arts

Credentials: N/A (just started University)

Tech Skills: Highly proficient with navigating mobile and web apps, as well as social media and student portals

Motivation: Needs quick and easy access to unit information and academic resources while navigating a new university student portal system

Goals:

- o Easily recognise official Deakin webpages through clear branding
- o Navigate efficiently between relevant sub-sections (units, events, student services)
- o Use the portal via her phone and laptop between classes and at home

Behaviour:

- o Studies full-time, attends all lectures and tutorials

- Prefers mobile systems, gets confused with frustrating and hard to find sections when there is complicated navigation
- Relies on search bars and clear menus

Environment:

- Accesses university website primarily from the phone and laptop on campus and at home
- Multitasks (switches between apps, messages and online browsing)

User Story:

As a recently graduated high school student, transitioning into my first year of university learning, I would like a clear Deakin logo and simple navigation on the website homepage when accessing the website, this will help me to feel confident that I am on the official website and I am able to access all required information and tasks easily and efficiently and ensures that I do not miss any vital information that will help me with my study moving forward.

Tasks (with story points):

1. Create a feature branch (git checkout -b add-header) – 1pt
2. Add logo.svg to the repository (git add logo.svg) – 2 pts
3. Update the index.html with a header <div> and - 2 pts
4. Style the header in main.css (background and alignment) – 2 pts
5. Commit and push the branch with a message for clarification (git commit -m "add header and logo) – 1 pt
6. Merge to main – 2 pts

Story Total: 10 pts

User Story 2 (Unit Info Table, Content and Fees Link/ 14 pts)

Persona: James the Potential Postgraduate Student

Name: James O’Conner

Age: 24

Location: Melbourne, VIC

Profession: Graduate in Business, seeking a Masters of Commerce

Education: Bachelor of Business

Credentials: Undergraduate degree

Tech Skills: Confident with online research tools, application systems, and productivity tools

Motivations: Wants a complete list of all course and unit information, including their credit points, possible enrolment modes and accompanying fees to help make an informed decision

Goals:

- Quickly find postgrad unit details (credit points, and enrolment modes)
- Understand the costs before applying
- Access to content in a clear, structured format

Behaviour:

- Dedicates time each day to research potential postgraduate courses while working part-time
- Makes comparisons between different universities and what they offer, along with their student portal and ease of access (website)
- Prefers structured data tables compared to long paragraphs of text

Environment:

- Accesses the website via a laptop mainly from home
- Occasionally browses course info on his phone during commutes to and from work

User Story:

As a part-time worker, who has recently graduated from my undergraduate degree in business, I am seeking a further study in a postgraduate degree. When viewing the university website, I would like to view structured information regarding course units, I would also like it to include enrolment modes, along with credit points and fees, so I am able to decide whether the course is right for me.

Tasks (with Story Points)

A) Table

1. Create branch for table component (git checkout -b add-table) – 1 pt
2. Add table HTML with unit details into index.html – 2 pts
3. Style the table in main.css (padding, borders) – 2 pts
4. Commit and push the branch (git commit -am "add table) – 1 pt

B) Content and Fees

1. Create new branch for unit content component (git checkout -b add-unit-content) – 1 pt

2. Add a content paragraph under <h3> Content </h3> - 2 pts
3. Add a fees link – 1 pt
4. Commit and push the branch (git commit –am “add unit content and fee link”) – 1 pt

C) Merging

1. Merge the add-table back to main, done by switching back to main (checkout main, git pull, git merge, git push) – 2 pts
2. Merge the add-unit content back to main – 2 pts

Story Total: 14 points

User Story 3 – (Cybersecurity and Accessibility Review/ 7 pts)

Persona: Wei the cybersecurity Analyst

Name: Wei Hung

Age: 32

Location: Burwood, VIC

Profession: Cybersecurity Analyst, employed at Deakin’s IT Division

Education: Bachelor of Information Technology, Certified Information Systems Security Professional (CISSP)

Credentials: CISSP, CompTIA Security+

Tech Skills: Advanced in information security, risk management and privacy compliance

Motivation: Ensure that both student and staff portals are designed with robust security and privacy protections

Goals:

- Guarantee secure login and authentication processes for portals
- Identify risks early and propose any possible solutions
- Align any website updates with privacy laws and accessibility standards

Behaviour:

- Reviews web projects as a part of the IT team
- Proactive about checking the small details (HTTPS links, log safety)
- Provides guidelines and checklists for the development teams

Environment:

- Works from an office environment but collaborates with the development teams via MS teams and GitHub
- Reviews projects and documentation remotely

User Story:

As a cybersecurity analyst, I want to ensure that any new students or staff coming through are able to access their respective portals with components including basic privacy, accessibility and security safeguards so sensitive student and staff information are able to remain protected.

Tasks (Includes Story Points)

1. Draft a security and accessibility checklist (HTTPS links, no secrets) – 2 pts
2. Run any checks on current components (header/logo, table, content and links) as well as fix any small issues or errors (verify links) – 2 pts
3. Draft a risk log (3+ potential risks, mitigations/solutions) – 2 pts
4. Prepare bullet points for the sprint review on privacy and accessibility (ready for demo video) – 1 pt

Story Total: 7