

Date	Name	Team	Hours	Comments	Total Hours
08/11/2022	Giuseppe	Programming	0.50	Added software deliverables to WBS	0.50
08/11/2022	Giuseppe	Programming	1.00	Penelope - Only allow auth'd users to CRUD	1.50
08/11/2022	Giuseppe	Programming	0.50	XML - Initial sketch of Proposal 1	2.00
09/11/2022	Giuseppe	Programming	0.75	Penelope - Add Campus entity	2.75
09/11/2022	Giuseppe	Programming	0.75	Android - Theme home page according to mock	3.50
14/11/2022	Giuseppe	Programming	3.00	XML - Draft schema (work spread over 3 days)	6.50
20/11/2022	Giuseppe	Programming	4.00	Penelope: Write xml and create duck-campus relationship (not on main branch)	10.50
20/11/2022	Giuseppe	Programming	0.75	Penelope: Write campus xml on ducks operations (not on main branch)	11.25
21/11/2022	Giuseppe	Programming	1.25	Penelope: Delete duck from records on duck delete action (not on main branch)	12.50
22/11/2022	Giuseppe	Programming	0.50	Penelope: Initial CommonXML set up (not on main branch)	13.00
25/11/2022	Giuseppe	Programming	2.25	Penelope: Use CommonXML when creating and editing XML files (not on main branch)	15.25
25/11/2022	Giuseppe	Programming	0.50	Penelope: Serve static XML files (not on main branch)	15.75
25/11/2022	Giuseppe	Programming	0.25	QA Manual Section 8.6: More detailed testing pipeline	16.00
25/11/2022	Giuseppe	Programming	1.50	Penelope: Fix infinite recursion loop and update tests API calls (not on main branch)	17.50
				Penelope: Basic DuckXML tests (not on main branch)	
27/11/2022	Giuseppe	Programming	3.00	Penelope: Serve xml files via REST API (doesn't work for ducks) (not on main branch)	20.50
				Penelope: Provide method to retrieve both campus xmls and other blobs (not on main branch)	
28/11/2022	Giuseppe	Programming	1.75	Initial prep for technical meeting. Preparing infra docs	22.25
28/11/2022	Giuseppe	Programming	3.00	More infra docs	25.25
				Penelope: Gather all parameters for birds (not on main branch)	
				Penelope: Be able to update birds, needs refactor (not on main branch)	
29/11/2022	Giuseppe	Programming	0.50	Penelope: Generate birdXML on request (not on main branch)	25.75
30/11/2022	Giuseppe	Programming	0.50	Penelope: Generate CampusXML on request (not on main branch)	26.25
30/11/2022	Giuseppe	Programming	0.25	Penelope: Controllers cleanup (not on main branch)	26.50
01/12/2022	Giuseppe	Programming	0.25	Penelope: Cache XML Responses (not on main branch)	26.75
01/12/2022	Giuseppe	Programming	1.00	Penelope: File upload	27.75
				Penelope: Merge XML_basics into main	
03/12/2022	Giuseppe	Programming	0.25	Penelope: Generate Campuses list xml on request	28.00
05/12/2022	Giuseppe	Programming	0.50	Android: Initial work to make requests to server	28.50
05/12/2022	Giuseppe	Programming	1.50	Trying to make sense of schema validation which was working before and now isn't. Research Android XML parsing	30.00
05/12/2022	Giuseppe	Programming	0.75	Penelope: Add schema to presentations and generate valid campus list	30.75
				Trying to get xml stuff to work on android, nightmare	
07/12/2022	Giuseppe	Programming	2.00	Android: Basic code to parse campuses list	32.75
				Android: Draw text on campuses list canvas	
				Penelope: Adjust some xml parameters	
07/12/2022	Giuseppe	Programming	1.25	Android: Better mapping on slide and parse and draw lines	34.00
10/12/2022	Giuseppe	Programming	0.75	Android: Parsers and Elements refactor	34.75
11/12/2022	Giuseppe	Programming	1.00	Penelope: Be able to serve assets and reply with path on asset upload	35.75
11/12/2022	Giuseppe	Programming	1.00	Android: Change drawing logic to use native elements (TextView)	36.75
				Also banged my head against screen ratios, unsuccessfully	
13/12/2022	Giuseppe	Programming	0.50	Android: Scale slides height with SP	37.25
				Penelope: Adjust CampusListXML to use SP units for height of slide. Also reposition text	
14/12/2022	Giuseppe	Programming	1.25	Android: Store campus preference on campus list item click	38.50
14/12/2022	Giuseppe	Programming	3.00	Penelope: Better layout of bird list item	41.50
				Android: Parse Images and Rectangles	
27/12/2022	Giuseppe	Programming	4.25	Penelope: Merge pull request #2 from SWENG-G2/apiKey_validation	45.75
				Turns out Spring doesn't like auth processes the maintainers didn't consider "standard". I.e. not JWT, not OAuth, not basic, not form.	
				Took a bit of hacking, work and research spread over a week.	
31/12/2022	Giuseppe	Programming	1.75	GUI work	47.50
01/01/2023	Giuseppe	Programming	0.50	Create Odysseus, I got tired of making requests from the terminal	48.00
03/01/2023	Giuseppe	Programming	1.50	Penelope: Implement api key auth for file uploads	49.50
				Odysseus: Upload files and use globals for pub_key, secret and campus	
				Penelope: Do not append '/' when returning file paths and increase allowed file size	
10/01/2023	Giuseppe	Programming	4.00	Penelope: Consistently use black constant when black colour is needed	53.50
				Penelope: Don't draw rectangle on XML, moved to client	
				Android: Initial bird activity	
				Android: Generalise Slides	
11/01/2023	Giuseppe	Programming	2.75	Penelope: Process hero image on upload	56.25
				Android: Import monospace font	
				Odysseus: Account for hero image processing	
11/01/2023	Giuseppe	Programming	5.25	Android: Let there be circles	61.50
				Android: Fully functional audio implementation	
				Penelope: Initial formatting of hero slide	
				Configure audio in BirdXML	
12/01/2023	Giuseppe	Programming	4.00	Penelope: Rudimentary about me and diet sections for accordion testing	65.50
				Android: Implement an accordion-like slide	
13/01/2023	Giuseppe	Programming	2.75	Penelope: CENTER_IN_PARENT constant and better DP oriented layout	68.25
				Penelope: Introduce END_OF_PARENT constant	
				Penelope: Add video to about me section	
				Android: Use DP for y positioning	
				Android: Adjust audio element button size	
				Android: Switch to relative layout for slides	
				Android: Initial video element	
13/01/2023	Giuseppe	Programming	1.00	Android: Cleanup and reformat	69.25
				Penelope: Add diet image	
13/01/2023	Giuseppe	Programming	2.00	Contract Template: Initial draft	71.25
14/01/2023	Giuseppe	Programming	7.00	Penelope: Initial switch to RSA for api keys (pain)	78.25
15/01/2023	Giuseppe	Programming	1.75	Penelope: Compare principal and explicit cipher parameters	80.00
				Odysseus: Update auth logic to comply with RSA key auth	
15/01/2023	Giuseppe	Programming	0.75	infra_docs: Update	80.75

15/01/2023	Giuseppe	Programming	4.25	Android: Guard against NumberFormatException in UIUtils Android: Justify textview (Android Q =<) and parse HTML encoded strings Android: Custom video player layout based on ExoPlayer Penelope: Save assets to specific campus folder Penelope: Properly store processed images, according to Design specs Penelope: Add location to bird slide and HTML encode strings Penelope: Fix text positioning underneath video	85.00
16/01/2023	Giuseppe	Programming	2.50	Android: Prepare media player for audio streaming in a separate thread Android: Pause media players as they are detached and release them as container view is detached Android: getAdapterPosition is deprecated Android: Fix Canvas/View behaviour Android: Expand detail slides when title is clicked	87.50
17/01/2023	Giuseppe	Programming	1.00	Android: Implement layouts re-usability	88.50
18/01/2023	Giuseppe	Programming	1.25	Penelope: Evict cached content when needed Odysseus: Add campus frame	89.75
20/01/2023	Giuseppe	Programming	1.75	Android: Load custom bird file from storage Android: Import app icon	91.50
24/01/2023	Giuseppe	Programming	4.00	Penelope: Started clean rewrite and apikeyendpoints tests	95.50
25/01/2023	Giuseppe	Quality Assurance	1.00	Timetabled SWENG Roman pair programming tests	96.50
27/01/2023	Giuseppe	Programming	1.75	contract_template: Final Draft 1, included Text Specs	98.25
29/01/2023	Giuseppe	Programming	0.75	contract_template: Initial Image contract	99.00
31/01/2023	Giuseppe	Programming	0.75	Android: Initial implementation of {Shape,View}Element Android: Remove isShape field Android: Fix instance check for shape element	99.75
01/02/2023	Giuseppe	Programming	0.75	Penelope: Initial docs playing around	100.50
04/02/2023	Giuseppe	Programming	0.25	Penelope: Add auth params where needed	100.75
05/02/2023	Giuseppe	Programming	4.50	Penelope: Finish docs and statically serve javadoc	105.25
06/02/2023	Giuseppe	Programming	4.00	Android: Implement missing functionality in {Image, Text}Element 2/2 Sort of figured out gradle sourceSets for icarius future	109.25
08/02/2023	Giuseppe	Programming	2.00	Penelope: Labmdify all things	111.25
09/02/2023	Giuseppe	Programming	2.00	Timetabled Software Session	113.25
10/02/2023	Giuseppe	Programming	2.00	Penelope: Support text width and height in XML Android: Update TextElement to support width and height Android: Adjust TextElement behaviour and fix if typo Contracts: Update contracts wrt latest standard	115.25
11/02/2023	Giuseppe	Programming	3.00	contracts_template: Update package and testing specs Android clean: Initial commit, Sample tests Contracts (image): Update package and specs Contracts (text): Update package and specs	118.25
12/02/2023	Giuseppe	Programming	1.25	Finalise contracts	119.50
18/02/2023	Giuseppe	Programming	2.00	Contracts work	121.50
19/02/2023	Giuseppe	Programming	5.00	Contracts work	126.50
20/02/2023	Giuseppe	Programming	2.25	Cotracts: Improve shades on rectangle, needs cleanup	128.75
20/02/2023	Giuseppe	Programming	1.50	Prep + tender presentation	130.25
25/02/2023	Giuseppe	Programming	6.75	Penelope: Switch to username and password users Penelope: Cleanup dead code from key auth Penelope: Username and Password swagger Penelope: Complete docs update Odysseus: Username password auth and user frame Penelope_clean: Initial CI/CD pipeline	137.00
27/02/2023	Giuseppe	Programming	4.25	Their Contracts: Circle contracts_template: Add font	141.25
01/03/2023	Giuseppe	Programming	2.50	Their Contracts: Line and Rectangle JUnit tests	143.75
01/03/2023	Giuseppe	Programming	2.75	Their contracts: Initial Circle tests Their contracts: Shadow test Also tried to test JCanvas but is untestable	146.50
03/03/2023	Giuseppe	Programming	1.25	android: Initial batch of comments	147.75
04/03/2023	Giuseppe	Programming	1.00	Finish android docs and publish all javadocs	148.75
07/03/2023	Giuseppe	Programming	1.75	Submit contract deliverables for initial review	150.50
11/03/2023	Giuseppe	Programming	2.50	Cleanups, contracts, various imports to clean	153.00
13/03/2023	Giuseppe	Programming	1.50	Bringing into penelope_clean	154.50
13/03/2023	Giuseppe	Programming	3.75	File system storage service test	158.25
13/03/2023	Giuseppe	Programming	0.25	Initial contracts review	158.50
14/03/2023	Giuseppe	Programming	4.75	Fixed rectangle in contracts	163.25
15/03/2023	Giuseppe	Programming	5.75	Re delivered contracts	169.00
13/04/2023	Giuseppe	Programming	3.00	Icarius: Mild cleanup and sample request tests	172.00
16/04/2023	Giuseppe	Programming	0.50	Penelope: CampusController: Evict appropriate caches on campus delete Penelope: Allow to create initial default admin	172.50
26/04/2023	Giuseppe	Programming	3.25	Penelope: User validation endpoint, Edit campus endpoint Odysseus: GUI for user validation adn camous editing	175.75
27/04/2023	Giuseppe	Programming	7.00	Meeting + HTML tour implementation	182.75
07/05/2023	Giuseppe	Programming	1.75	android: Botch data mocking for UI exploration	184.50
09/05/2023	Giuseppe	Programming	1.25	Review AboutUs PR and start video element test	185.75
10/05/2023	Giuseppe	Programming	1.00	Android: Video Element Layout Test	186.75
12/05/2023	Giuseppe	Programming	5.00	Android: Various tests	191.75
18/05/2023	Giuseppe	Programming	2.75	Android: Implementations Android: Implement duration/timeOnScreen for Shapes	194.50
23/05/2023	Giuseppe	Programming	2.00	Penelope: Add campuses to validate endpoint and add users list endpoint	196.50
29/05/2023	Giuseppe	Programming	7.00	Penelope: Return proper response when auth filter raises exception (some debugging included) Penelope: Clean up UserAuthenticationManager Html: Initial homepage and start of rewrite	203.50

30/05/2023	Giuseppe	Programming	5.25	HTML Tour: Teams page, tema memebtrs and initial departments page HTML Tour: Finished departments page	208.75
31/05/2023	Giuseppe	Programming	4.75	HTML Tour: Initial departments, organisation, workflow and fauna finder pages	213.50
31/05/2023	Giuseppe	Programming	2.25	HTML Tour: FaunaFinder, System, initial roadmap	215.75
31/05/2023	Giuseppe	Programming	2.50	HTML Tour: Rewrite to reduce content and adhere by marking criteria	218.25
01/06/2023	Giuseppe	Programming	4.00	HTML Tour: Drop downs for document select HTML Tour: Mobile nav HTML Tour: Adjust footer for mobile and update navbar colour trigger point on window resize Penelope: Campu: Remove users relations before deleting campus	222.25
01/06/2023	Giuseppe	Programming	3.75	Meeting SSL (tested on rpi for demo)	226.00
02/06/2023	Giuseppe	Programming	5.75	Penelope clean: Implement all and fix tests Penelope clean: Docker (Initial)	231.75
02/06/2023	Giuseppe	Programming	5.75	Penelope: Evict cache on new campus and serve not found for missing xml Penelope: Evict correct bird caches Penelope: Improve bird update logic and update "unique" string to assets Penelope: Remove assets on bird edit actions, if new asset supplied	237.50
02/06/2023	Giuseppe	Programming	0.75	Penelope: Provide full url to bird assets	238.25
03/06/2023	Giuseppe	Programming	1.50	Android: tmp swipe to refresh	239.75
03/06/2023	Giuseppe	Programming	2.75	Android: Implement swipe to refresh Android: Fix minor test bugs Penelope: Return full url for list images	242.50
04/06/2023	Giuseppe	Programming	4.75	Penelope: Fix caching by supplying appropriate key for bird and campus xmls Penelope: BirdXML: Increment number of slides upon slide addition Penelope: Improve test coverage Penelope: Improve storeProcessedImage logic and fix related test Penelope: Remove unreachable test Penelope: Add persistant data volume and remove old keys path Penelope: Fully remove old keys paths logic Android: Fix parseDelay logic	247.25
06/06/2023	Giuseppe	Programming	4.50	Android: SlideViewHolder and SlidesRecyclerViewAdapter tests	251.75
06/06/2023	Giuseppe	Programming	4.50	Android: PresentationParser Test Android: Fix parsers tests and add missing attributes to elements Android: Allow http traffic for local development and tests Android: Implement shadows in [Circle, Rectangle]Element Android: Rebase ana branch	256.25
06/06/2023	Giuseppe	Programming	1.00	HTML Tour: Started getting images in line and progress on fauna finder page	257.25
7/06/2023	Giuseppe	Programming	1.75	Slow progress on html tour, reordered files (Actual timeslot 23:30-01:11)	259.00
7/06/2023	Giuseppe	Programming	3.75	HTML Tour: Almost final	262.75
7/06/2023	Giuseppe	Programming	3	Overall finishing touches	265.75