CSE3MAD – Assignment 2 – Team 17

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Application Completeness

During the assignment 1 layout, the following activities were proposed to be completed.

1. Login Activity
    a. This would allow users to login using email and password, link with Firestore for authentication and allow automatic login if authorised. A forgot password option was also included in the planning.
    Outcome:
    The login functionality is working as intended. Authorisation via Cloud Firestore successfully caches details and automatically logs the user in. Currently forgot password/password reset functionality has not yet been implemented at the time of this report.

2. Registration Activity
    a. Allows user to create an account with a Name, Email and password.
    Outcome:
    Registration is working as intended, Firestore successfully links, and provides the authorisation to utilise with the auto-login functionality described previously. Rules include passwords requiring to be greater than 3 characters, and duplicate emails are not allowed.

3. Home / Map Activity
    a. Displays an interactive map of La Trobe Bundoora Campus, display icons for different Points of Interest (POI) by categories, include a search bar, bottom screen navigation and POI tap brings up pop up information.

    Outcome:
    All functions achieved, except for categorised pins, as current testing only has 1 POI listed. Pin is present within map, and selecting it opens up the POI as a pop up. This function interacts with the Cloud Firestore, pulling the stored information into the map via pin utilising the Latitude and Longitude information.

4. POI List Activity
    a. Display list of all POI, displays name, brief description and thumbnail. Include average rating, allow sorting by name or rating, tapping POI opens detailed view, search function, filter options.

    Outcome:
    At the time of writing all functions within the POI List activity are working as intended. POI's are shown in a double column list, with the name, category and star rating on

individual cards. This function interacts with the Cloud Firestore, pulling the stored information into the list. Filtering and search options are included and working within the POI List.

5. Filter Activity
   a. Filter options by category, building and minimum rating, with an apply button.

   Outcome:
   Filtering options have been fully implemented and successfully filter out the non-related options. Filter options include category, building and star ratings.

6. Detailed POI Activity
   a. Display the full information about the selected POI. Includes, POI Name and images, building code and level number, average rating and review count, includes a "write Review" button, display recent reviews. Include show on map button with directs to map page with POI pin.

   Outcome:
   At the time of writing this report, all functions above are implemented except for the functions relating to the Review as this functionality is still being implemented. Additionally, as there is only currently 1 POI within the app, there is no show on map button. Detailed POI function can be seen from both the map and list displays when selecting the pop up or item within the list. This function interacts with the Cloud Firestore, pulling the stored information into the list.

7. Write Review Activity
   a. Allows users to rate the POI from 1 to 5 stars, provides optional text field for written review, optional photo upload and a submit button.

   Outcome:
   When the user opens the full details of a POI, the option to include a rating is presented, they are given the option to provide a 1-5 star review with optional comments available. The user then clicks submit review, and recent reviews are previews below. The ability to add a photo to the review was ultimately removed.

8. Settings Activity
   a. Button to upload new or change display photo. List of options, change display name, change password, my reviews and log out.

   Outcome:
   Display photo functionality is currently implemented; this stores the selected photo within the Cloud Firebase Storage. All further options are currently implemented with the exception of showing users reviews, as at the time of writing this report, reviews have not yet been implemented.

9. Confirm Logout Activity
   a. Cancel button, logout button

Outcome:
When the user selects logout from the settings page, a pop up is displayed giving the user the option to continue with logout or cancel.

10. Change Name Activity
    a. Text box asking the user to input a display name, cancel button and confirm button.

    Outcome:
    When the user selects change display name in the settings a text box appears which allows the user to select a new name, there is a cancel button to return to the settings page, and a confirm button which executes the change and returns the user to the settings page.

11. Change Password Activity
    a. Text boxes appear for current password, new password, confirm new password, with a cancel and confirm button.

    Outcome:
    When the user selects change password activity, a pop up appears with the above text boxes. If the user selects cancel they are returned to the settings page aborting the change of password, when they select confirm, the authorisation function within Cloud Firebase is utilised to confirm new password and update cached details for user to continue to use the auto-login functionality.

12. My Reviews activity
    a. Lists all reviews made by users, each review shows the POI, review description if populated, photo if added, star rating and date of review. Clicking on the review takes the user to the detailed page of the POI.

    Outcome:
    When the user selects the my reviews option, they are taken to a list of their reviews which includes the name of the POI, star review and any comments that were added.
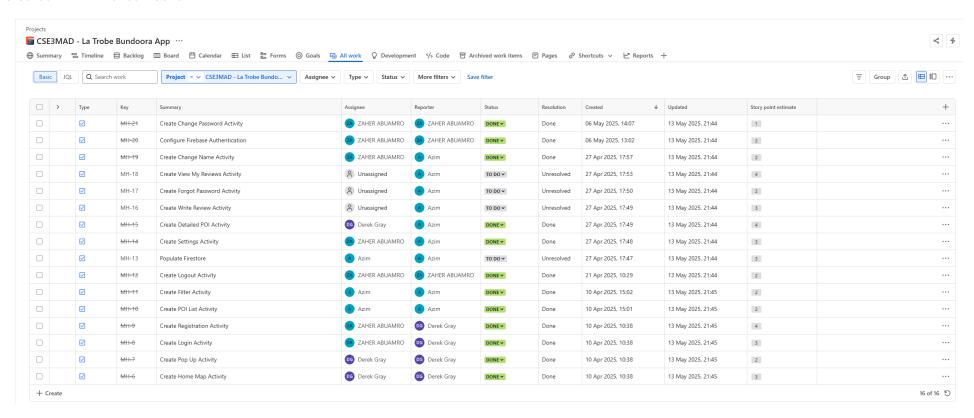
Github Repository Link:
https://github.com/derekgray91/CSE3MAD-LTBA

Unable to provide copy of code within ZIP file, as it ends up being 1.2gb + which exceeds the 250mb limit on submissions. Github code has been made public for review purposes.

Jira – All work. Unfortunately Sprint 1 was completed without copying the burn down report. Below is a screenshot of all of the Activities created within the teams Jira.

Projects
CSE3MAD - La Trobe Bundoora App ⋯

Summary | Timeline | Backlog | Board | Calendar | List | Forms | Goals | **All work** | Development | Code | Archived work items | Pages | Shortcuts | Reports | +

Basic | JQL | Search work | Project = CSE3MAD - La Trobe Bundo... | Assignee ⌄ | Type ⌄ | Status ⌄ | More filters ⌄ | Save filter

		Type	Key	Summary	Assignee	Reporter	Status	Resolution	Created ↓	Updated	Story point estimate	
☐	›	☑	MH-21	Create Change Password Activity	ZA ZAHER ABUAMRO	ZA ZAHER ABUAMRO	DONE ⌄	Done	06 May 2025, 14:07	13 May 2025, 21:44	1	⋯
☐		☑	MH-20	Configure Firebase Authentication	ZA ZAHER ABUAMRO	ZA ZAHER ABUAMRO	DONE ⌄	Done	06 May 2025, 13:02	13 May 2025, 21:44	2	⋯
☐		☑	MH-19	Create Change Name Activity	ZA ZAHER ABUAMRO	A Azim	DONE ⌄	Done	27 Apr 2025, 17:57	13 May 2025, 21:44	2	⋯
☐		☑	MH-18	Create View My Reviews Activity	👤 Unassigned	A Azim	TO DO ⌄	Unresolved	27 Apr 2025, 17:53	13 May 2025, 21:44	4	⋯
☐		☑	MH-17	Create Forgot Password Activity	👤 Unassigned	A Azim	TO DO ⌄	Unresolved	27 Apr 2025, 17:50	13 May 2025, 21:44	2	⋯
☐		☑	MH-16	Create Write Review Activity	👤 Unassigned	A Azim	TO DO ⌄	Unresolved	27 Apr 2025, 17:49	13 May 2025, 21:44	3	⋯
☐		☑	MH-15	Create Detailed POI Activity	DG Derek Gray	A Azim	DONE ⌄	Done	27 Apr 2025, 17:49	13 May 2025, 21:44	4	⋯
☐		☑	MH-14	Create Settings Activity	ZA ZAHER ABUAMRO	A Azim	DONE ⌄	Done	27 Apr 2025, 17:48	13 May 2025, 21:44	3	⋯
☐		☑	MH-13	Populate Firestore	A Azim	A Azim	TO DO ⌄	Unresolved	27 Apr 2025, 17:47	13 May 2025, 21:44	3	⋯
☐		☑	MH-12	Create Logout Activity	ZA ZAHER ABUAMRO	ZA ZAHER ABUAMRO	DONE ⌄	Done	21 Apr 2025, 10:29	13 May 2025, 21:44	2	⋯
☐		☑	MH-11	Create Filter Activity	A Azim	A Azim	DONE ⌄	Done	10 Apr 2025, 15:02	13 May 2025, 21:45	2	⋯
☐		☑	MH-10	Create POI List Activity	A Azim	A Azim	DONE ⌄	Done	10 Apr 2025, 15:01	13 May 2025, 21:45	2	⋯
☐		☑	MH-9	Create Registration Activity	ZA ZAHER ABUAMRO	DG Derek Gray	DONE ⌄	Done	10 Apr 2025, 10:38	13 May 2025, 21:45	4	⋯
☐		☑	MH-8	Create Login Activity	ZA ZAHER ABUAMRO	DG Derek Gray	DONE ⌄	Done	10 Apr 2025, 10:38	13 May 2025, 21:45	3	⋯
☐		☑	MH-7	Create Pop Up Activity	DG Derek Gray	DG Derek Gray	DONE ⌄	Done	10 Apr 2025, 10:38	13 May 2025, 21:45	2	⋯
☐		☑	MH-6	Create Home Map Activity	DG Derek Gray	DG Derek Gray	DONE ⌄	Done	10 Apr 2025, 10:38	13 May 2025, 21:45	3	⋯

+ Create

16 of 16 ↺

Github Contributions:

Commits

🎋 main ▾   🗂 All users ▾   📅 All time ▾

-○- Commits on May 14, 2025

assignment 2 doc
🔘 azimsh00 committed yesterday   665494b 📋 <>

added reviews, ui improvements
🔘 azimsh00 committed yesterday   3c468af 📋 <>

-○- Commits on May 13, 2025

Added Assignment 2 Doco for review 💬
🔘 derekgray91 committed 2 days ago   d3b65ab 📋 <>

-○- Commits on May 6, 2025

added settings page, change name, change password
🔘 zaher-aa committed last week   3f13605 📋 <>

-○- Commits on May 1, 2025

Map POI and DetailedPOI 💬
🔘 derekgray91 committed 2 weeks ago   3e80050 📋 <>

-○- Commits on Apr 27, 2025

POI List Populating 💬
🔘 derekgray91 committed 3 weeks ago   2ebbdb6 📋 <>

Merge branch 'main' of https://github.com/derekgray91/CSE3MAD-LTBA
🔘 derekgray91 committed 3 weeks ago   7b8abef 📋 <>

updated various portions to run app
🔘 derekgray91 committed 3 weeks ago   47ae1d2 📋 <>

Merge pull request #4 from derekgray91/build-poi-filter 💬
🔘 azimsh00 authored 3 weeks ago   `Verified`   dc14ee7 📋 <>

Merge pull request #4 **from derekgray91/build-poi-filter** 💬   Verified   dc14ee7 📋 <>
👤 azimsh00 authored 3 weeks ago

○ Commits on Apr 23, 2025

updated local repo
👤 azimsh00 committed 3 weeks ago   0655aeb 📋 <>

added additional dependencies for compatibility
👤 azimsh00 committed 3 weeks ago   989aab2 📋 <>

○ Commits on Apr 22, 2025

Merge pull request #3 **from derekgray91/main** 💬   Verified   63afdf2 📋 <>
👤 azimsh00 authored 3 weeks ago

Merge pull request #2 **from derekgray91/build-poi-filter** 💬   Verified   66eda54 📋 <>
👤 azimsh00 authored 3 weeks ago

Added structure to firebase integration, adjusted app navigation, added 2 screens and supporting components
👤 azimsh00 committed 3 weeks ago   9e858fe 📋 <>

○ Commits on Apr 21, 2025

Merge pull request #1 **from derekgray91/build-poi-filter** 💬   Verified   9f53eef 📋 <>
👤 azimsh00 authored 3 weeks ago

added firebase storage
👤 azimsh00 committed 3 weeks ago   6ed5f5c 📋 <>

○ Commits on Apr 20, 2025

Added Auth Flow login, logout, signup
👤 zaher-aa committed last month   0b9dc57 📋 <>

○ Commits on Apr 14, 2025

refined structure
👤 zaher-aa committed on Apr 14   5a54c7d 📋 <>

-o- Commits on Apr 14, 2025

refined structure
zaher-aa committed on Apr 14

5a54c7d

-o- Commits on Apr 10, 2025

rejigged some directory locations
derekgray91 committed on Apr 10

b460ad6

file structure changes
derekgray91 committed on Apr 10

e3f5dcb

json edits
derekgray91 committed on Apr 10

70256d0

Update AndroidManifest.xml
derekgray91 committed on Apr 10

da519ef

changes to get app to begin running
derekgray91 committed on Apr 10

761ab5a

google maps API
derekgray91 committed on Apr 10

1ead7a6

updated folder structure to include components, screens and bottom bar navigation
derekgray91 committed on Apr 10

760c9a8

initial react native commit •••
derekgray91 committed on Apr 10

92d5ac8

committed to create file structure
derekgray91 committed on Apr 10

f61395b

Initial commit
derekgray91 authored on Apr 10

Verified 7206a74