Android Issues

**Notes:**

1. On the next app review, also review how the app operates in airplane mode when it is disconnected from the network. Make sure that the app shows the user appropriate error messages and does not crash. (Remember someone could lose network access at any time).

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| **Issue #** | **Found By** | **Issue Description** | **Rating ( LMH)** | **Fixed** | **In Progress** | **Fixed By** |
| 1 | Robert Kulesza | * Email check doesn’t detect Kean University emails from non-Kean University emails. | L | YES | Done | Chris |
| 2 | Robert Kulesza | * Signup does not work. * When you click the signup button, “Unexpected Database Failure” is displayed * **Note:** Email successfully created in DB ([bagginsb@kean.edu](mailto:bagginsb@kean.edu)) * **Note:** I cannot login with it -- password does not match error | H | YES | Done | Robert |
| 3 | Robert Kulesza | * Login > click session history * “Oops! Something is borken. Restart” Error * **Note:** after logging in as tutor and returning to student mode, session history worked correctly | H | YES | Done | Chris |
| 4 | Robert  Kulesza | * Login > click Edit Profile * Nothing happens | L | NO |  |  |
| 5 | Robert Kulesza | * Login > click session history > click Share * Nothing happens | L | YES | DONE | ROBERT |
| 6 | Robert Kulesza | * Login > click Email Check-In * Nothing Happens -- this button should be deleted | M | YES | REPEAT | ROBERT |
| 7 | Robert Kulesza | * Tilt your phone (if you have auto-rotate on), app rotates and becomes ugly / unusable. * No layout defined for Horizontal usage. * Solve this by forcing vertical orientation. | L | YES | DONE | ROBERT |
| 8 | Robert Kulesza | * Login > tutor mode > click Edit Profile * Nothing Happens | L | NO |  |  |
| 9 | Robert Kulesza | * Login > tutor mode > clock in > logout * There should be no logout button at all. If you are clocked in, the app should not let you log out. * Logout -> are you sure -> force clock out | M | YES | DONE | ROBERT |
| 10 | Robert Kulesza | * Login > tutor mode > clock in > check in > End All Sessions * Remove Button | H | YES | DONE | ROBERT |
| 11 | Robert Kulesza | * Login > tutor mode > clock in > check in > logout * There should be no logout button at all. If you are clocked in, the app should not let you log out. * Logout -> are you sure ->force check out -> force clockout | M | YES | DONE | ROBERT |
| 12 | Robert Kulesza | * Login > tutor mode > clock in > check in > click Session History * Nothing Happens | H | YES | DONE | CHRIS |
| 13 | Robert Kulesza | * Login > tutor mode > clock in > check in > (email) check in * Tutor\_Checked\_In\_Activity.java * This activity has not yet been programmed -- everything needs to be implemented | H | YES | DONE | Chris |
| 14a | Robert Kulesza | * When you exit the app and log back in, the session does not continue * Login activity should run script to check if user session exists * Decision: create Android\_Session\_Variables table or to store AppState data locally:   + To store AppState data for a particular session   + When session is restored, data is restored | H | YES | DONE | ROBERT |
| 14b | Brian | * You shouldn’t have to clock back in if you were already clocked in (active clock in session) | H | YES | DONE | ROBERT |
| 15a | Brian | * Clock Out should automatically end all sessions | H | YES | DONE | ROBERT |
| 15b | Brian | * When you press end session → the particular session should end * Active Sessions , Checked In page | H | YES | DONE | ROBERT |
| 16 | Robert Kulesza | * Add individual end session button to Active Sessions Table * Highlight current sessions | H | YES | DONE | ROBERT |
| 17 | Robert Kulesza | * Sort Active Sessions (Tutors) / Session History (Students) by date. All active sessions should be on top. | H | YES | Done | Chris |
| 18 | Chris | Addition of activity\_clocked\_in introduced some bug. App crashes when clicking ‘Check In’. | H | YES | DONE | ROBERT |
| 19 | Robert | * Remove email check-in button from student menu | H | YES | DONE | ROBERT |
| 20 | Robert | * Remove extra time/duration in tutor-student check in | H | YES | DONE | ROBERT |
| 21 | Robert | * Remove End All Sessions from Session History | H | YES | DONE | ROBERT |
| 22 | Robert | * Check valid email should disregard whitespace | M | YES | DONE | ROBERT |
| 23 | Chris | * Tutor\_checked\_in\_activity * Appstate.TutorSession.student\_id is null * Because of this, getuserinfo fails to retrieve student information | H | YES | DONE | Chris |
| 24 | Robert | * Student > Session History > click on active session * Goes to select course * Should only go to select course if the course not already set but c\_id != 4. 4 is the dummy entry during initial insert. * Otherwise, it should go to student\_checked\_in | H | YES | DONE | Robert |
| 25 | Robert | * Tutor\_checked\_in\_activity * Checked in time is always 3:27 * Update textview | H | YES | DONE | Chris |
| 26 | Robert | * Student mode -> tutor mode -> active sessions -> student mode * User\_role\_id does not change back | H | YES | DONE | ROBERT |
| 27 | Robert | * When i switch between different active sessions, student name and email mix together with those from other sessions * At one point i had 2 emails * At one point i had 2 names * At one point i had one name and the other session’s email | H | YES | Cannot Reproduce | ROBERT |
| 28 | Chris | * Going to tutor mode, then session history. * Select active session -> Tutor\_checked\_In\_Activity doesn’t have checkin time because there was no active checkin during session. * Pass check in time from the session history table click. | H | YES | DONE | Chris |
| 29 | Robert | * After you clock out as a tutor, if you press back, you go back to the clocked\_in activity | H | YES | DONE | ROBERT |
| 30 | Robert | * Clocked\_in Activity → format time 12 hour time * Checked\_in Activity → format time 12 hour time | M | YES | DONE | Chris |
| 31 | Robert | * Login > Tutor Mode > session history > tutor\_checked\_in activity > press back > press back > clockin > checkin * Checkin crashes * **Note:** there are other conditions to that cause checkin to false, not sure what though. * **Note:** AppState variables are all NULL when crash occurs * **Cause:** loops do not terminate when user leaves activity   + Loop needs to join main thread before user leaves activity   + Loop needs to restart when user re-enters activity * Begining of solution in code as comments | H | NO | ROBERT |  |
| 32 | Robert | * For some reason it takes a while after you press checkin for the activity to change * We can get around this by adding “pressing” animation for feedback | M | NO |  |  |
| 33 | Chris | * If user does not have a tutor role, then remove tutor mode button | L | NO |  |  |
| 34 | Robert | * Session History time is 1 hour before current time * Other times are probably affected | M | NO |  |  |
| 35 | Brian | * In tutor mode, user can check-in with fake emails * Php script issue * Fake check-ins cant be ended | H | YES | DONE | ROBERT |
| 36 | Robert | * After Ending a session in session history * If you press back, session history stays on the screen listing the session you just ended as an active session | H | YES | DONE | ROBERT |
| 37 | Robert | * On Clockout -- if there are no sections to check out, then check-out-everything script returns “Ruh Roh” Failure Indication | H | YES | DONE | ROBERT |
| 38 | Brian | * Need more departments to test between dept stuff | L | NO |  |  |
| 39 | Brian | * Maybe temp goes up while running the app? Needs more testing to verify if this is true * Pixel 2:   + Idle Temp: 80C   + Clocking in on tutor: 89C   + After clocking in and locking screen temp drops: 84C   + Clocking out doesnt lower temp: peak 99C | H | NO | Related to issue 31 regarding LOOP execution |  |
| 40 | Brian | Check if student check-> change courses changes data in tables | LIOU | YES | DONE | null |
| 41 | Brian | Add the description field to tutor\_sessions | H | NO |  |  |
| 42 | Robert | Maximum password length implementation   * BCrypt maximum input >= 50 bytes * Ignore encodings -- make max password 25 chars | H | YES | DONE | Robert |
| 43 | Robert | Forgot Password functionality | L | NO |  |  |
| 44 | Robert | Signup > session history   * Crashes | H | YES | DONE | Robert |
| 45 | Robert | Login > Session History   * Start date, end date fields do nothing * They should update the table to only include records betwteen two dates | M | NO |  |  |
| 46 | Robert | Student Checked-In Activity is ugly   * Social media icons all different sizes and not nice looking * List of courses isn’t nice looking | L | NO |  |  |
| 47 | Robert | * Student can have two sessions with the same tutor * Student uses QR Code, tutor uses email | H | YES | DONE | Robert |
| 48 | Robert | * If you try to login incorrectly where the login php script still executes (for example: wrong password), “null” toast pops up * Toast should indicate type of failure, not be “null” | M | YES | DONE | Robert |
| 49 | Robert | * Tutor can create session with themselves | L | NO |  |  |
| 50 | Robert | * Save AppState to file locally on the system * On app start:   + If clocked in → go to clocked-in page   + If checked in → go to session history page (tutor)   + If logged in / student mode → student activity   + If logged in / tutor mode → tutor activity * Use android session id as a way of confirming that you are currently in a session   + Compare associated login\_id to make sure correct user   + Match most current session | H | YES | DONE | Robert |

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| 51 | Chris | * Initial log in with user: test\_supervisor2 resulted in “NULL” * Clicking login again, worked * Clicked Tutor Mode -> “Something Went Wrong” -> sent to My Session History | H | YES | SOLVED BY ISSUE 48 |  |
| 52 | Chris | * Was in state from Issue #51 * Clicked back from session history and clicked logout * This sent me back to my session history but all values were null. Logout half worked? | H | YES | SOLVED BY ISSUE 48 |  |
| 53 | Robert | When there is no available connection (Airplane Mode) and the user is logged in, logout crashes | M | YES | DONE | ROBERT |
| 54 | Robert | When there is no available connection (Airplane Mode) and the user is logged in and the user is a tutor, Tutor Mode crashes. | M | YES | DONE | ROBERT |
| 55 | Robert | When there is no available connection (Airplane Mode) and the user clicks Session History (from Tutor Mode), the app crashes. | M | YES | DONE | ROBERT |
| 56 | Robert | When there is no available connection (Airplane Mode) and the user clicks Clock In (from Tutor Mode), the app crashes | M | YES | DONE | ROBERT |
| 57 | Chris | When performing check in from tutor account for a student email, the app crashes with any tutor account used. This happens when clicking the ‘Check In’ button. | H | YES | DONE | ROBERT |
| 58 | Chris | Req0308 states the tutor can organize the tutor session history by the course.   * There are no courses shown in the history table and no sorting mechanism regardless | M | NO |  |  |
| 59 | Chris | Req 0406 states students can view their tutoring history and specify the subject   * No ability to specify the subject or course. | M | NO |  |  |