**Bug Report for BEFIT Website**

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| **Bug ID** | **Module** | **Test Case ID** | **Scenario** | **Description** | **Expected Result** | **Actual Result** | **Severity** | | **Defects** | | --- | |
| B-001 | Login/Signup | |  | | --- | |  |  |  | | --- | | TC\_LS\_004 | | Failed Signup with Invalid Input | Testing signup with incorrect email format. | Error message indicating invalid input. | Error message unclear: "Invalid email format." | Minor | |  | | --- | |  |  |  | | --- | | DEF\_001 | |
| B-002 | Activity Tracker | TC\_AT\_004 | View Past Week's Activity | Verifying past week's activity display. | Activity displayed correctly. | Activity data not displayed. | |  | | --- | |  |  |  | | --- | |  |   Minor | None |
| B-003 | Activity Tracker | |  | | --- | |  |  |  | | --- | | TC\_AT\_005 | | View Upcoming Week's Activity | Verifying upcoming week's activity display. | Activity displayed correctly. | Activity data not displayed. | Minor | None |
| B-004 | Mental Wellness | TC\_MW\_004 | Personalized Recommendations | Recommendations based on mental wellness history. | Accurate and personalized recommendations. | Recommendations not tailored to user’s progress. | Minor | None |
| B-005 | Mental Wellness | TC\_MW\_005 | Progress Tracking | Verifying wellness progress tracking. | Accurate tracking of progress. | Progress tracking not functioning. | Minor | None |
| B-006 | Personal Training | TC\_PT\_005 | Trainer Interaction | Verify ability to interact with a personal trainer (if applicable). | Messages are sent and consultations are scheduled. | Messages are sent and consultations are scheduled. | Minor | DEF\_002 |
| B-007 | Personal Training | TC\_PT\_009 | Easy Progress Tracking | Verify easy tracking of workout progress. | Progress tracking is easy and intuitive. | Progress tracking is easy and intuitive. | Minor | None |

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**Recommendations**

1. **Login/Signup**: Enhance input validation and make error messages user-friendly.
2. **Activity Tracker**: Fix data-fetching logic for past and upcoming activities.
3. **Mental Wellness**: Improve algorithms for personalized recommendations and fix progress tracking.
4. **Nutrition**: Align suggested plans with user-provided preferences.
5. **Personal Training**: Investigate and resolve booking failures for specific time slots.