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| **NO** | **As a** | **I want** | **So that** | **Acceptance Criteria** |
|  | User | To see procuring entities that did not submit their procurement plans | I can identify an integrity red flag. | **Given** a user is redirected to the dashboard after logging in  **When** theyhave the privilege to view integrity red flags  **Then** they should be able to see the number and list of procuring entities that did not submit procurement plans in a certain fiscal year.  (pie-chart, report) |
|  | User | To see tenders which have less than 3 bids | I can identify where bids are fewer than expected. | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see the number and list of tenders that have less than 3 bids and they should be able to filter based on different fiscal years.  Bar graph and report. |
|  | User | To see tenders where the total number of bidders who paid a tender participation fee is way less than the number of bidders who submitted their bids | I can identify a probability of restrictions in the bidding document that restrict competition. | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see the number and list of tenders where the difference between the number of people who paid participation fees and the number of bids is greater than 30%  Bar chart with proportionality and report |
|  | User | To see suppliers who share the same number or email | I can identify lack of independence and authenticity of bidders | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see a list and number of suppliers who share the same number and email.  (Table with few rows and report) |
|  | User | To see tenders with one or more appeals | I can identify tenders that raised concerns | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see a list and number of tenders that have appeals.  (Bar chart and monthly reports) |
|  | User | To see tenders with only one bid | I can identify lack of competitiveness and fairness | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see a list and number of tenders that received only one bid.  (Bar chart and monthly reports) |
|  | User | To see top 10 suppliers who have been repeatedly the most awarded suppliers over 5 years. | I can identify lack of competition in bidding processes. | **Given** a user is redirected to the dashboard after logging in  **When** has the privilege to view integrity red flags  **Then** they should be able to see a list of top 10 suppliers who have been repeatedly the most awarded suppliers over 5 years.  Ranking and ranking report. |
|  | User | To see bidders who have never bid before that win a tender | I can identify the probability of lack of fairness in bidding processes. | **Given** a user is redirected to the dashboard after logging in.  **When** has the privilege to view integrity red flags  **Then** they should be able to see bidders who have never bid previously that won a tender.  Summarized table and a whole report. |
|  | User | To see bidders who have received more than 2 direct bidding contracts from one procuring entity in a single financial year | I can identify lack of fairness and competition in a bidding process | **Given** a user is redirected to the dashboard after logging in.  **When** has the privilege to view integrity red flags  **Then** they should be able to see bidders who have received more than 2 direct bidding contracts from one procuring entity in a single financial year.  **Summarized table and a report.** |
|  | User | To see bidders who always bid and win | I can identify lack of fairness and competition in a bidding process | **Given** a user is redirected to the dashboard after logging in.  **When** has the privilege to view integrity red flags  **They** should be able to see the number and list of bidders who see whose number of bids is equal to the number of contracts they have been awarded.  **Summarized table and a report.** |
|  | User | To see procuring entities whose procurement plans have a late submission | I can identify negligence in submission of procurement plans | **Given** a user is redirected to the dashboard after logging in.  **When** has the privilege to view integrity red flags  **They** should be able to see the number and list of procuring entities who submitted their procurement plans late.  **Summarized table and a report.** |