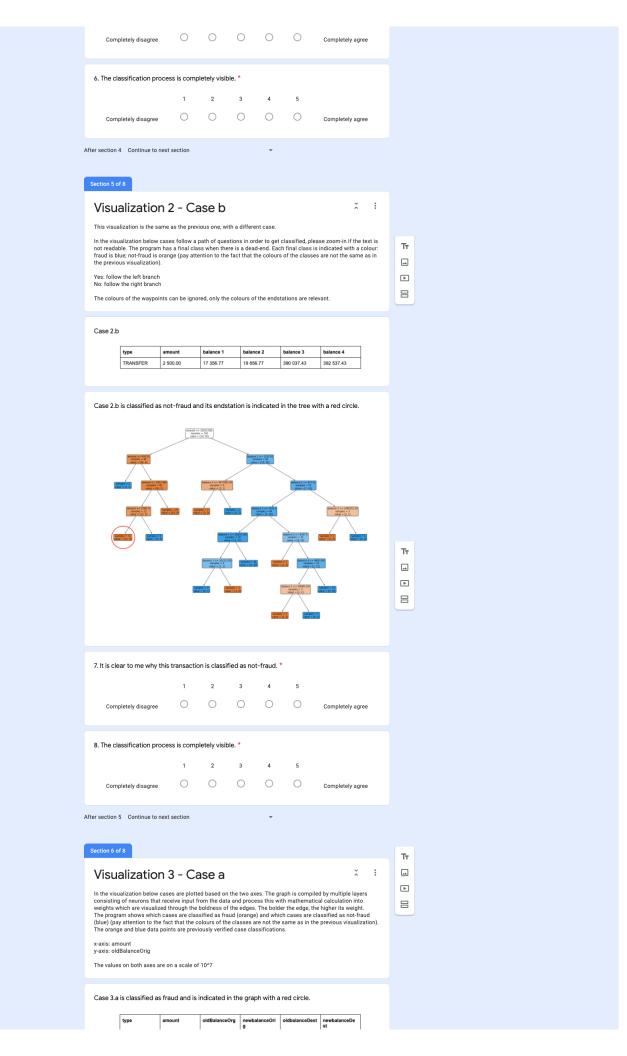
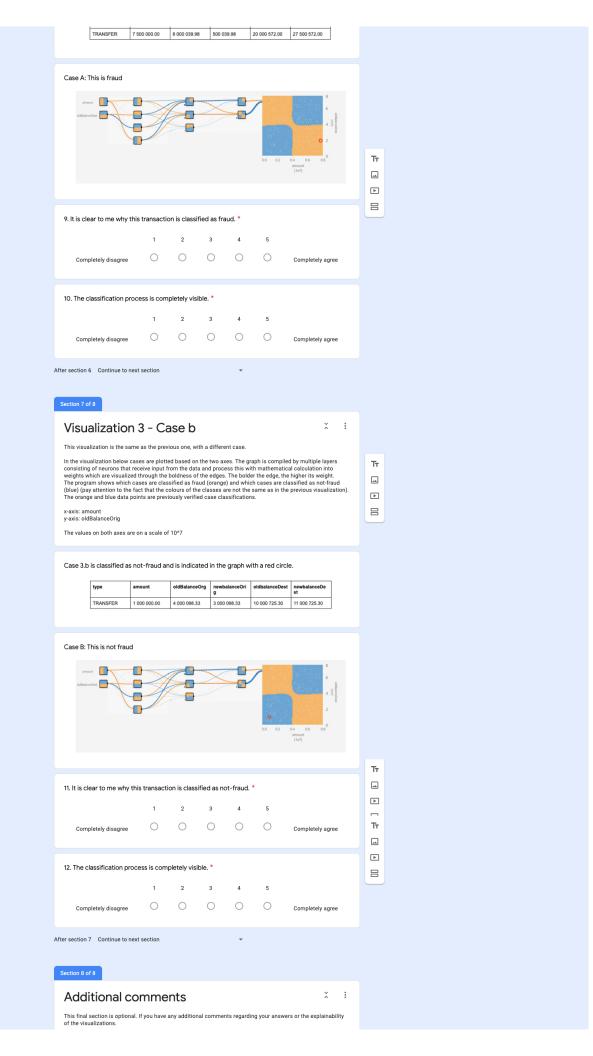


In the visualization below cases are plotted based on the two axes. The program shows which cases are classified as fraud (orange) and which cases are classified as not-fraud (blue). The triangles and squares are previously verified case classifications. İΤ _ x-axis: amount y-axis: newbalanceOrig Þ \equiv The values on both axes are on a scale of 10^7 Case 1.b oldBalanceOrg newbalanceOri oldbalanceDest newbalanceDe st 2 000 000.00 22 005 070.03 20 005 070.03 355 600.00 TRANSFER 2 355 600.00 Case 1.b is classified as not-fraud and is indicated in the graph with a red circle. Ττ 3. It is clear to me why this transaction is classified as not-fraud. ${}^{\!\star}$ __ Þ 3 4 1 2 =0 0 0 0 Completely disagree Completely agree 4. The classification process is completely visible. * 0 0 0 0 Completely disagree Completely agree After section 3 Continue to next section Section 4 of 8 Visualization 2 - Case a In the visualization below cases follow a path of questions in order to get classified, please zoom-in if the text is not readable. The program has a final class when there is a dead-end. Each final class is indicated with a colour: fraud is blue; not-fraud is orange (pay attention to the fact that the colours of the classes are not the same as in the previous visualization). Yes: follow the left branch No: follow the right branch The colours of the waypoints can be ignored, only the colours of the endstations are relevant. Ττ __ Case 2.a Þ \equiv 8 000 000.00 43 003 522.36 35 003 522.36 3 000 450.00 11 000 450.00 Case 2.a is classified as fraud and its endstation is indicated in the tree with a red circle. Ττ __ Þ \equiv 5. It is clear to me why this transaction is classified as fraud. * 1 2 3 4 5





Comments
Long answer text