

Appendix F1:

- Appendix F1 includes a complete JSON response example in the REST API (`GET /api/v1/users/{userId}/posts`), detailing a user's posts with attributes such as post ID, author information, content, images, and reactions.

```
{
  "content": [
    {
      "id": "6a803ea9-d828-455f-8713-e037fcedf09e",
      "author": {
        "id": "a14092e3-cf86-4337-b75e-b76df514385f",
        "name": "Fatoumata Diop",
        "avatarUrl": "/public/api/images/9522081a-9614-438c-9867-84371a462c55",
        "isGroup": false
      },
      "text": "Cultural Exchange is a bridge that connects us all. By sharing our traditions, music, and stories, we foster understanding and appreciation. Let's embrace our differences and learn from one another, for that is how we grow as a global community.",
      "images": [
        {
          "id": "3c657817-1746-47fa-98e1-4d91d2e0c8c5",
          "uri": "/public/api/images/3c657817-1746-47fa-98e1-4d91d2e0c8c5",
          "reactions": {
            "reactions": []
          }
        },
        {
          "id": "372b415d-4917-43db-b2f2-c31c3d7fc660",
          "uri": "/public/api/images/372b415d-4917-43db-b2f2-c31c3d7fc660",
          "reactions": {
            "reactions": []
          }
        },
        {
          "id": "64f955bd-6133-4b48-a0a7-9b01a225800b",
          "uri": "/public/api/images/64f955bd-6133-4b48-a0a7-9b01a225800b",
          "reactions": {
            "reactions": []
          }
        }
      ],
      "reactions": {
        "reactions": [
          {
            "reactionValue": 1,
            "reactionCount": 6,
            "participants": [
              {
                "id": "1075c633-6759-464e-9c06-735b4ea6fb4e",
                "name": "Fatima Ali",
                "avatarUrl": "/public/api/images/732cf5d2-78f9-416c-b27d-3f2fcd24d782",
                "isGroup": false
              },
              {
                "id": "05e3312e-f302-46ef-a121-cde9762bab69",
                "name": "Pierre Dupont",

```

```

        "avatarUrl": "/public/api/images/5b9d56ca-09a3-4192-8805-937c7e29c2b0",
        "isGroup": false
    },
    {
        "id": "05e3312e-f302-46ef-a121-cde9762bab69",
        "name": "Pierre Dupont",
        "avatarUrl": "/public/api/images/5b9d56ca-09a3-4192-8805-937c7e29c2b0",
        "isGroup": false
    },
    {
        "id": "48f8f88a-1f33-43b9-b4a1-b6d1edc9d7f3",
        "name": "Kouadio Koffi",
        "avatarUrl": "/public/api/images/36c91844-f3f2-4b40-86a3-5113d10d7f9c",
        "isGroup": false
    },
    {
        "id": "0a84332f-3dab-4d08-b60a-7b683946f462",
        "name": "Carlos Martinez",
        "avatarUrl": "/public/api/images/86e5bcfb-e089-4373-ab26-5b0fcce11cc5",
        "isGroup": false
    },
    {
        "id": "278b11e7-ca6c-443e-8266-88df7063ba00",
        "name": "Muhammad Ali",
        "avatarUrl": "/public/api/images/c6c397ec-e459-488b-92a7-60654205f6fa",
        "isGroup": false
    }
]
},
{
    "reactionValue": 2,
    "reactionCount": 6,
    "participants": [
        {
            "id": "a61dcec9-41e8-40d5-a15a-85f82a3c4da5",
            "name": "Juan Carlos Martinez",
            "avatarUrl": "/public/api/images/34fc36f6-b158-4585-b22b-68e1bf9ecd3b",
            "isGroup": false
        },
        {
            "id": "1180174e-eaa0-4ccb-b8a2-17dd28d500d3",
            "name": "Leila Al-Khalili",
            "avatarUrl": "/public/api/images/758ba32c-132b-4a30-9ce1-6e5b06003741",
            "isGroup": false
        },
        {
            "id": "7f9c7615-55bc-4051-b019-d5d3dac5c78b",
            "name": "Marie-Louise Saint-Pierre",
            "avatarUrl": "/public/api/images/b77decad-dd0a-4abe-b968-07987ca5b584",
            "isGroup": false
        },
        {
            "id": "10ad1bbe-cae1-46bc-af66-53f95d100a62",
            "name": "Maria Ana dos Santos",
            "avatarUrl": "/public/api/images/e5abddfd-68b4-4908-a755-33ce9c56dd86",
            "isGroup": false
        },
        {
            "id": "1180174e-eaa0-4ccb-b8a2-17dd28d500d3",
            "name": "Leila Al-Khalili",
            "avatarUrl": "/public/api/images/758ba32c-132b-4a30-9ce1-6e5b06003741",
            "isGroup": false
        }
    ],
    "isGroup": false
}

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    {
      "id": "02df2127-8982-4c65-bd95-87d1bd87114c",
      "name": "Emily Davis",
      "avatarUrl": "/public/api/images/f40b94b0-47db-4fd0-b7ca-1b49afa8a245",
      "isGroup": false
    }
  ]
},
{
  "reactionValue": 3,
  "reactionCount": 1,
  "participants": [
    {
      "id": "278b11e7-ca6c-443e-8266-88df7063ba00",
      "name": "Muhammad Ali",
      "avatarUrl": "/public/api/images/c6c397ec-e459-488b-92a7-60654205f6fa",
      "isGroup": false
    }
  ]
},
{
  "reactionValue": 4,
  "reactionCount": 5,
  "participants": [
    {
      "id": "3e8b8ebf-a135-40df-bce8-24281ca03603",
      "name": "Carlos Martinez",
      "avatarUrl": "/public/api/images/73eddb33-6b2a-4efe-9676-9c0a4e69ea11",
      "isGroup": false
    },
    {
      "id": "09ecfccc-8390-4ddd-9930-094b02f165c7",
      "name": "Isabel Martinez",
      "avatarUrl": "/public/api/images/844cf046-ad80-4d56-873b-3d5fe4c2b410",
      "isGroup": false
    },
    {
      "id": "bfc5ce35-1f37-499d-baf7-a5d6422741e1",
      "name": "Seng Phoung",
      "avatarUrl": "/public/api/images/67e862c8-b7e0-493e-b7db-5e9321c8abe3",
      "isGroup": false
    },
    {
      "id": "8bac353f-9b23-4cc0-8e99-72e54818abd6",
      "name": "Sophie Van der Meer",
      "avatarUrl": "/public/api/images/601ad831-27e9-4078-b9a2-770ba880f14b",
      "isGroup": false
    },
    {
      "id": "1f078714-9692-4365-a5d0-ef6188259f41",
      "name": "Nay Win",
      "avatarUrl": "/public/api/images/bd7fada2-c1ca-4c96-b37f-2b759467071a",
      "isGroup": false
    }
  ]
},
{
  "reactionValue": 5,
  "reactionCount": 5,
  "participants": [
    {
      "id": "16ba7e29-7716-4e60-850f-3433b7d37daa",
      "name": "Kadiatou Camara",

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        "avatarUrl": "/public/api/images/abadd0fa-4b54-4b46-ac82-a46317e95400",
        "isGroup": false
    },
    {
        "id": "4ebb25e1-d886-423c-9d3f-e5f989a94733",
        "name": "Yonatan Levi",
        "avatarUrl": "/public/api/images/1338b609-81a7-421c-95e4-d61dbc4ffc79",
        "isGroup": false
    },
    {
        "id": "1180174e-eaa0-4ccb-b8a2-17dd28d500d3",
        "name": "Leila Al-Khalili",
        "avatarUrl": "/public/api/images/758ba32c-132b-4a30-9ce1-6e5b06003741",
        "isGroup": false
    },
    {
        "id": "23af0c9a-1a14-4bc1-8aa1-6741754bbf9d",
        "name": "Ada Kpodan",
        "avatarUrl": "/public/api/images/d14ee6ec-ae38-47a9-b4cb-ce8644d04299",
        "isGroup": false
    },
    {
        "id": "4df98eb0-96a1-4565-90f4-f9922f30b9a8",
        "name": "Aicha Amadou",
        "avatarUrl": "/public/api/images/cb663f82-481d-49e2-ab10-ae99e1ede1d2",
        "isGroup": false
    }
]
}
]
},
{
    "id": "64d0e5d2-d335-42fb-b629-667b5cb25665",
    "author": {
        "id": "a14092e3-cf86-4337-b75e-b76df514385f",
        "name": "Fatoumata Diop",
        "avatarUrl": "/public/api/images/9522081a-9614-438c-9867-84371a462c55",
        "isGroup": false
    },
    "text": "Cultural Exchange is a bridge that connects people from different backgrounds, fostering understanding and appreciation. By sharing our customs, traditions, and stories, we can break down barriers and build a more inclusive world. Let's embrace the richness of diversity and learn from each other to create a harmonious global community.",
    "images": [
        {
            "id": "ff370ad5-d2af-41b9-8feb-5ef809262932",
            "uri": "/public/api/images/ff370ad5-d2af-41b9-8feb-5ef809262932",
            "reactions": {
                "reactions": []
            }
        },
        {
            "id": "15b5bc44-d17e-4740-af0b-2d17e5d90712",
            "uri": "/public/api/images/15b5bc44-d17e-4740-af0b-2d17e5d90712",
            "reactions": {
                "reactions": []
            }
        },
        {
            "id": "8915af5c-7e22-45c2-9d6d-bb6a98ccfb64",
            "uri": "/public/api/images/8915af5c-7e22-45c2-9d6d-bb6a98ccfb64",

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    "reactions": {
      "reactions": []
    }
  },
  {
    "id": "cec649a4-8118-47bb-bebf-3e824e25490a",
    "uri": "/public/api/images/cec649a4-8118-47bb-bebf-3e824e25490a",
    "reactions": {
      "reactions": []
    }
  }
],
"reactions": {
  "reactions": [
    {
      "reactionValue": 1,
      "reactionCount": 1,
      "participants": [
        {
          "id": "b33298eb-be06-4241-967a-493e3fa43b41",
          "name": "Ahmed Al-Jabri",
          "avatarUrl": "/public/api/images/77614a8f-01fa-4191-84ed-ecabc49e1f71",
          "isGroup": false
        }
      ]
    }
  ],
  {
    "reactionValue": 2,
    "reactionCount": 1,
    "participants": [
      {
        "id": "938fc19b-12f2-4324-91ec-e64fbdbae33d",
        "name": "Rafael Andriamanjato",
        "avatarUrl": "/public/api/images/e62ef805-43fb-49ab-8cdf-d4fc5e6a638d",
        "isGroup": false
      }
    ]
  }
],
  {
    "reactionValue": 3,
    "reactionCount": 2,
    "participants": [
      {
        "id": "132eb6c6-0ad1-4c7a-8d6c-b72ead3d863f",
        "name": "Layla Al-Khoury",
        "avatarUrl": "/public/api/images/1f8f262e-db01-4d48-bd6c-f3594aafedf9",
        "isGroup": false
      },
      {
        "id": "23af0c9a-1a14-4bc1-8aa1-6741754bbf9d",
        "name": "Ada Kpodan",
        "avatarUrl": "/public/api/images/d14ee6ec-ae38-47a9-b4cb-ce8644d04299",
        "isGroup": false
      }
    ]
  }
],
  {
    "reactionValue": 4,
    "reactionCount": 2,
    "participants": [
      {
        "id": "e827d4b5-7ee1-4d1c-bb61-87b7adc452aa",
        "name": "Mário João Silva",

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```

        "avatarUrl": "/public/api/images/17de7f0f-87d8-4ccb-8cb3-28a947002994",
        "isGroup": false
    },
    {
        "id": "23af0c9a-1a14-4bc1-8aa1-6741754bbf9d",
        "name": "Ada Kpodan",
        "avatarUrl": "/public/api/images/d14ee6ec-ae38-47a9-b4cb-ce8644d04299",
        "isGroup": false
    }
]
}
}
},
{
    "id": "c8646733-4df2-41fd-9252-dd9cba5cc548",
    "author": {
        "id": "a14092e3-cf86-4337-b75e-b76df514385f",
        "name": "Fatoumata Diop",
        "avatarUrl": "/public/api/images/9522081a-9614-438c-9867-84371a462c55",
        "isGroup": false
    },
    "text": "Cultural exchange is a bridge that connects people from different
backgrounds, fostering understanding and appreciation. By sharing our traditions, arts,
and stories, we break down barriers and embrace the beauty of diversity. I'm grateful
for the opportunities to learn from others and share my own Malian heritage.",
    "images": [
        {
            "id": "93642f5e-6632-480f-b792-efa5334a5220",
            "uri": "/public/api/images/93642f5e-6632-480f-b792-efa5334a5220",
            "reactions": {
                "reactions": []
            }
        },
        {
            "id": "d1443a19-514d-4040-98fa-d08ddeee520c",
            "uri": "/public/api/images/d1443a19-514d-4040-98fa-d08ddeee520c",
            "reactions": {
                "reactions": []
            }
        },
        {
            "id": "82ac3b99-7a6d-47eb-95eb-7e4c33c4fc25",
            "uri": "/public/api/images/82ac3b99-7a6d-47eb-95eb-7e4c33c4fc25",
            "reactions": {
                "reactions": []
            }
        }
    ],
    "reactions": {
        "reactions": [
            {
                "reactionValue": 2,
                "reactionCount": 1,
                "participants": [
                    {
                        "id": "fec1f0ae-3b4f-4420-8a11-7e4824ac0ac4",
                        "name": "Chandrika Silva",
                        "avatarUrl": "/public/api/images/6fe6e1ff-8605-4dc5-a5d2-9601fa913c21",
                        "isGroup": false
                    }
                ]
            }
        ]
    }
},

```

```

    {
      "reactionValue": 3,
      "reactionCount": 2,
      "participants": [
        {
          "id": "624de72a-8c55-4be7-b6fd-801df4c82df1",
          "name": "Leyla Aliyeva",
          "avatarUrl": "/public/api/images/73387e7b-aeec-4c84-b7ba-af51df9d09be",
          "isGroup": false
        },
        {
          "id": "7569223a-96ec-4e8c-9e33-2d1df1d10c72",
          "name": "Zahra Alimova",
          "avatarUrl": "/public/api/images/f91ba06e-ef4f-4691-88f0-b4df5fe7a48a",
          "isGroup": false
        }
      ]
    }
  ]
}

},
{
  "pageable": {
    "pageNumber": 0,
    "pageSize": 3,
    "sort": {
      "empty": true,
      "sorted": false,
      "unsorted": true
    },
    "offset": 0,
    "paged": true,
    "unpaged": false
  },
  "last": false,
  "totalElements": 4,
  "totalPages": 2,
  "size": 3,
  "number": 0,
  "sort": {
    "empty": true,
    "sorted": false,
    "unsorted": true
  },
  "first": true,
  "numberOfElements": 3,
  "empty": false
}

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