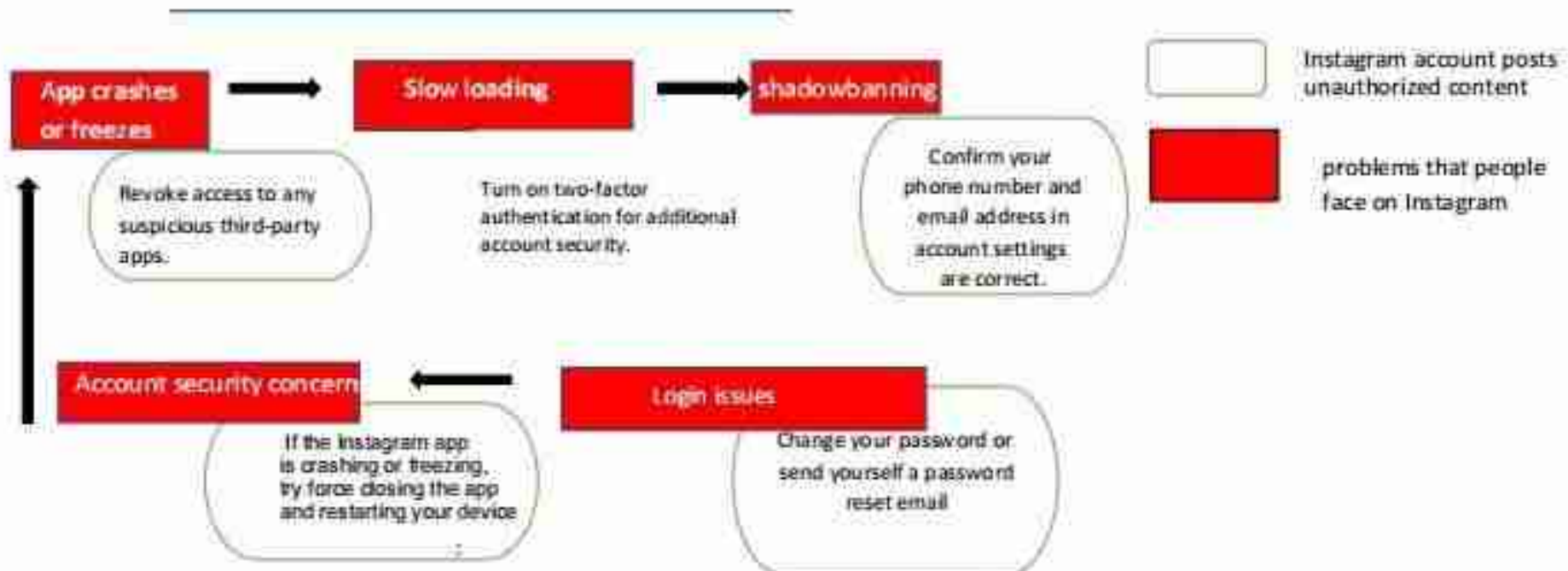


Project Design Phase-II Technology Stack (Architecture & Stack)

| | |
|--------------|--|
| Date | 25 Oct 2023 |
| Team ID | NM2023TMID09233 |
| Project Name | Creating an sponsored post for Instagram |

Technical Architecture: Assessing the Instagram related problems include the architectural diagram as below and the information as per the table1 &table 2.

Example: login issues,account security concerns,app crashes or freezes,slow loading, a account hacked or compromised.



Guidelines:

- 1.Change your password or send yourself a password reset email. ...
- 2.Revoke access to any suspicious third-party apps.
- 3.Turn on two-factor authentication for additional account security.
- 4.Confirm your phone number and email address in account settings are correct.

Table-1 : Problems & Solutions:

| S.No | Problems | Solutions | Technologies |
|------|---------------------------|---|--|
| 1. | Login issues | Use third-party apps like "Later" or "Buffer" to schedule and manage posts for multiple accounts. | Motorcycles,automobiles and commerical vehicles. |
| 2. | Account security concerns | Report and block spam or fake accounts to keep your Instagram feed clean and safe. | Drivers,pedistrains,bicycles and passengers. |
| 3. | App crashes or freezes | Follow accounts in your niche-explore hashtags, engage with posts to discover new content. | Traffic jam and travel time, speed. |

| | | | |
|-----|--------------------------------|--|---|
| 4. | Slow loading | Dealing with negative or offensive comments. | Laboratory analysis, real time applications. |
| 5. | Geolocation issues | Use Instagram's comment moderation tools to filter | Compliance monitoring, reporting, documentation |
| 6. | Direct message delivery | hide comments that violate your guidelines. | Contingency plans, error control. |
| 7. | Technical glitches | Use Instagram's "Save" feature to categorize | Emergency response training. |
| 8. | Accessibility | organize posts you want to revisit later. | Education materials, Public campaigns. |
| 9. | Content removal and violations | Experiment with different editing apps and filters to enhance the quality and aesthetics of your posts. | Modeling and simulation software GIS. |
| 10. | Privacy and security | Utilize your Instagram bio to share important links or use tools like Linktree to create a landing page. | Social media platform. |

Table-2: Application Characteristics:

| S.No | Problems | solutions | Technology |
|------|-------------------------|--|--|
| 1. | Privacy settings | Use Instagram Insights or third-party analytics | Laboratory testing equipments and titrators |
| 2. | Phishing and Hacking | tools to monitor your post reach, engagement. | Geographic information systems and remote sensing technologies. |
| 3. | Hashtag problems | Set aside dedicated time to respond to direct messages and use the "Quick Replies" feature to save and reuse common responses. | Mathematical model and simulations including Carlo analysis and risk assessment. |
| 4. | Business accounts | Focus on creating high-quality content that generates engagement and encourages meaningful interactions. | Compliance monitoring, reporting, documentation |
| 5. | Algorithmic feed issues | Use storytelling, ask questions, or share interesting facts to spark engagement in your captions. | Automated sensors, real-time monitoring system and data analytics tools. |